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FEASIBILITY AND EFFECTS OF INCREASED USE OF CROP RESIDUES IN BEEF CATTLE RATIONS:

AN EXPLORATORY STUDY

By

Corkern, R. McElroy, H. Taylor, and W.B. Back conomics, Statistics, and Cooperatives Service U.S. Department of Agriculture

# STAFF REPORT

NATIONAL ECONOMICS DIVISION

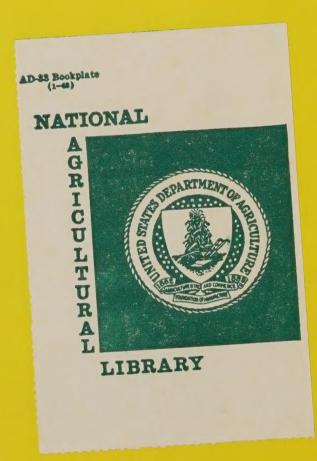


ECONOMICS, STATISTICS AND COOPERATIVES SERVICE

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## FEASIBILITY AND EFFECTS OF INCREASED USE OF CROP RESIDUES IN BEEF CATTLE RATIONS:

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FEASIBILITY AND EFFECTS OF INCREASED USE OF CROP RESIDUES IN BEEF CATTLE RATIONS: AN EXPLORATORY STUDY By Ray Corkern, Robert McElroy, Harold Taylor, W.B. Back; Economics, Statistics, and Cooperatives Service; U.S. Department of Agriculture; Washington, D.C. 20250; May 1979.

#### ABSTRACT

Beef production is expected to be 11 percent below estimated U.S. consumption by the year 2000. An increase in forage production is a necessary condition for increasing domestic beef production. Crop residues can add to forage supplies and are economically feasible to use as feed where cattle and residues are in close proximity. Generally, however, concentrations of residues are in locations differing with the concentrations of cattle. Also, most crop residues produced in the U.S. are needed to maintain the productivity of the soils.

It is more economically feasible to add crop residues to the maintenance rations of nonlactating cows, or steers, than to steer growing or finishing rations. In any case, however, more supplements in the rations, especially protein, are needed when crop residues are substituted in cattle rations for other roughages. A reduction in grain feeding to beef cattle with or without an increase in use of crop residue in the rations likely would be accompanied by increased consumer prices of beef and competing meats. Those impacts would lessen with increases in feeding value of the roughages used to replace grain in the rations.

Key words: Crop residues, residue values, limited grain feeding.

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About mid-1976, staff of the Agricultural Research Service (now SEA/AR) suggested that ARS and ERS ( now a part of ESCS) conduct a cooperative assessment of technology in the utilization of crop residues in cattle rations. A number of planning conferences by staffs of the two agencies were carried out over the following 12 month period, and then it was agreed that ERS staff would perform a first phase analysis—an exploratory study for the primary purpose of developing information useful in identifying further research needs and opportunities. This ESCS staff paper reports the result of the exploratory study.

Data, ideas, comments, and suggestions used in conducting this study and/or preparation of this report were provided by Howard Osborn, Everett Warwick, Wilda Martinez, Robert Barnes, Timothy Blosser, and Ronald Follett, all professional staff of SEA/AR. The authors of this report take full responsibily for any errors of fact, logic or judgment.

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Ray Corkern\*, Robert McElroy\*, Harold Taylor\*\*, and W.B. Back\* Economics, Statistics, and Cooperatives Service

America's appetite for beef is strong and growing. Domestic beef consumption is expected to be 60 percent higher in the year 2000 than in 1970. U.S. production is expected to fall 11 percent short of the estimated 37 billion pounds of domestic consumption in 2000. That deficit will be imported. A major contributor to the expected shortfall in beef production is low rates of increase in forage production. Increased feeding of grain to beef cattle to compensate for the slow growth in forage production is not expected to be as feasible in the future as it has been in the past. Although feed grain production will expand substantially during the next two decades, an increase in exports of grains is expected. 1/ Possibilities for increased production and efficiency in utilization of forages would appear to warrant more attention in research. Research on increasing use of crop residues in beef cattle rations is one possibility warranting further study.

According to estimates made by animal scientists at Colorado State University, the available crop residues in individual regions of the United States contain more digestible nutrients than required to sustain the beef cow herds in

<sup>\*</sup>National Economics Division, formerly Technology & Innovation Program Area, National Economic Analysis Division.

<sup>\*\*</sup>Natural Resource Economics Division, formerly Technology & Innovation Program Area, National Economic Analysis Division.

 $<sup>\</sup>underline{1}/$  The above estimates of future trends are based upon preliminary baseline projections, NED-ESCS.

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each respective region except in the Southeast.2/ Those estimates are not intended to imply that all nutrients required by the cows could be supplied by feeding crop residues. Protein supplementation, especially, likely would be required. Neither do those physical estimates of the feeding values of crop residues imply economic feasibility of increasing their utilization in beef cattle rations; account must be taken of the costs of collecting, transporting and storing, as well as the alternative use values of the residues. This study was designed to explore such considerations. The specific objectives were to:

- (1) develop an inventory of crop residues by kinds and locations;
- (2) identify costs and other factors affecting the economic supply of residues for increased use in cattle rations;
- (3) estimate the economic values of residues as substitutes for other ingredients in cattle rations;
- (4) identify economic effects of reducing grains and increasing forage, including crop residues, in cattle rations; and
- (5) evaluate the economic prospects for increased use of crop residues as feed for cattle.

The exploratory nature of this study precludes a full assessment of the feasibility and impacts of increased feeding of crop residues to beef cattle.

Thus, the conclusions should be considered tentative, or hypotheses warranting additional study and testing.

<sup>2/</sup> Blanchard, John M., John J. Combs and Gerald M. Ward, "Potential Feeding Value of Crop Residues in the U.S.," Feedstuffs, August 15, 1977, pg. 22.

### Inventory of Residues

Estimates of quantities of residues, by crops and by States and Counties of the Continental United States, are presented in Appendix Table 1. Most of these estimates of residues are based on coefficients (ratios of residues to crop yields) provided by staff scientists of SEA/AR. A previous inventory of crop residues, based on coefficients differing with those used in this study, was made in a study by the Stanford Research Institute (SRI).3/ Other and different estimates of the physical supplies of some crop residues were made by USDA soil scientists in connection with research on crop residues management.4/
The lack of agreement on the relationships between crop yields and quantities of residues reflects a need for more reliable knowledge on the subject.5/ The estimates presented in this report should be considered subject to revision pending development of that knowledge. Additional research, especially, should identify differences among regions in residues per unit of harvested crop.

Corn stover, wheat straw, and soybean aftermath comprise more than 80 percent of the residues inventoried (Table 1). Corn stover alone made up about half of residue inventory. Altogether, more than 500 million tons of crop residue (harvest weight) are produced annually. According to the SRI study

<sup>3/</sup> An Evaluation of the Use of Agricultural Residues as an Energy Feedstock. S.R.I., Menlo Park, Calif., 1976.

<sup>4/</sup> Larson, W.E., R.F. Holt and C.W. Carlson, "Residues for Soil Conservation", Chapter 1 in Crop Residue Managment and System, American Society of Agronomy, Madison, Wisc., 1978. See also the discussion on crop residues in USDA report "Improving Soils with Organic Wastes," 1978, Chapter 2.

<sup>5/</sup> Research in response to this need for improved data on crop residues is being conducted by W.E. Larson and others, SEA/AR, University of Minnesota, St. Paul.

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Table 1.--Estimated Physical Supply of Crop Residues By Crop Source

Crop	Residue	Dry	:	Physical	
Source :	coefficient a/	: matter	Tons (000)		: Percent : of
	<u> </u>	<u>b</u> /	/	: (Drv)	Total
Barley :	1.85	86.9	16,791		3.2
Com:	1.63	84.4	265,726	224,273	50.9
Cotton c/	3.00	92.3	5,954	5,496	1.1
Dry beans	2.00	88.4	1,695	1,498	0.3
Flax	3.00	92.9	985	915	0.2
Grain sorghum :	1.00	84.4	21,252	17,937	4.1
Grass seed	4.44	85.4	665	568	0.1
Oats	1.50	88.6	15,669	13,909	3.0
Peanuts	1.47	90.0	2,853	2,568	0.5
Rice	1.50	90.5	9,598	8,686	1.8
Rye :	2.33	89.4	1,159	1,036	0.2
Soybeans :	2.14	87.5	54,085	47,324	10.4
Sugar beets c/:	0.14	18.0	4,149	747	1.0
Sugar cane <u>c</u> /	0.17	25.5	2,903	740	0.6
Wheat	1.85	87.7	117,941	103,434	22.6
Total		40-1406	521,454	442,982	100.0

a/Pounds of residue per pound of harvested crop. Most of these coefficients were estimated by Senior Scientists of SEA/AR. Coefficients for soybeans, peanuts and grass seed were obtained from an unpublished Stanford Research Institute Report. The coefficients were applied to crop production data for 1974 to obtain the estimated tonnages of residues.

b/Dry weight of residues as percent of total weight. Source: The Atlas of Mutritional Data for United States and Canada, NAS, 1972.

c/Excludes off-farm residue (such as Bagasse and ginning waste).

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cited earlier, about one-fourth of the crop residues is fed to cattle and sheep, and most of the remainder is returned to the soil.6/ Any significant increaseny so in use of residues in feeding cattle would result in a decrease in amount of the residue returned to the land.

### Location of Residues and Beef Cattle

The six midwestern States of Illinois, Iowa, Indiana, Ohio, Minnesota and Michigan produce about 45% of the total residue. Corn stover is the major contributor to the total residue in those States. Each of those States produces more than a ton of residue per acre of cropland and per acre of farmland (Figure 1). Maryland and Delaware also have a high density of residue per acre of cropland and farmland, but those small States, together, produce less than one percent of the total supply of residue. Pennsylvania, North Carolina, Georgia, Arkansas, Kansas, Nebraska, California and Washington, have high densities of residues per acre of cropland, but noncropland in those states is sufficient to result in less than a ton of residues per acre of farmland. In general, outside the Cornbelt, the residues tend either to be widely scattered or to be concentrated in a fewer regeographic locations within the States.

The location of beef cattle differs significantly from that of the crop f residues (Figure 2). Whereas the crop residues are concentrated in the Cornbelt, the beef cattle are located predominately in the South, Southern Plains and West. The States with the greatest concentration of beef cattle per acre of cropland and farmland, New Mexico, Mississippi and Florida, were well below average in concentration of crop residues. The significant difference in

<sup>6/</sup> Some straw is harvested for livestock bedding, and some rice and rye grass straw in Western States is burned. Other minor quantities are used for fuel the and industrial products. However, about 70% of all crop and residues are returned to the soil, mostly where produced. See "Improving Soils with Organises," pages 36 - 37.

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STATE DENSITIES OF CROP RESIDUES (Per Acre of Farmland and Cropland) Cropland Farmland Tons of Residue Per Acre of: Legend: Fig. 1

(Numbers Per 100 Acres of Farmland and Crops) Cropland Farmland Number of Beef Cattle Per 100 Acres of: Legend:

Fig. 2 STATE DENSITIES OF BEEF CATTLE

geographical location of residues and cattle does affect the potential for increased utilization of the residues for feed. The maps (Figures 1 and 2) do not capture all the locational differences of significance. Within the States, the counties more specialized in crop production tend to have low numbers of cattle, and vice versa. Likewise, within counties, cattle tend to concentrate on farms with the larger amounts of noncropland and pastureland, rather than on farms producing the most crop residue. Residues can be collected by the crop farmers, transported, and sold to cattlemen, but whether this process is feasible will depend on costs and values of residues as feeds to be discussed later in this report.

#### Seasonal Distribution

In Table 2, the seasonal distributions of the residues are displayed in accordance with first month availability, and lasting through the crop harvest season. More than half of the residues become available in October and November, primarily due to corn harvest in those two months. Other grain harvests in the summer months and soybean harvest in later summer and early fall also strongly influence the seasonal patterns of availability.

Unless it is feasible to collect, transport, store and use the residues in combination with other ingredients in controlled feeding, the seasonal patterns of availability will sharply limit their potential values as feeds. There may be some possibility of adjusting cattle and feed production systems to more efficiently utilize crop residues as feeds when available in the fields. For example, corn growers might add stocker enterprises to utilize the corn stover in

Table 2.--Seasonal Distribution of Availability of Crop Residues

Crop					Month	Month of First Availability	Availa	bility				
Source	Jan.	Feb.	Mar.	Apr	May	June :	July	Aug.	Sept.	oct.	Nov.	Dec.
• •												
••						Percent	ent					
Barley		1	1	1	6.2	15.1	26.0	43.9	9.0	1	1	-
Corn	-	1		1	1	1	0.1	0.5	6.7	44.3	39.5	0,0
Cotton	1.2	6.0	1.2	1.2	1.2	0.2	1	3,3	15.3	28.2	30.7	16.6
Dry Beans	1	***************************************	-	ļ	1	!	1	16.2	55.0	24.4	4.4	Ì
Flax	date oppo date		1	!	1.2	0.2	20 cm	41.9	40.0	15.4	1.3	1
Grain Sorghum	1		9 9	1	-	1	6.9	7.1	31.0	31.1	22.9	1.0
Grass Seed			-	1	8.0	16.9	58.4	20.6	2.8	0.5	-	8
Oats		-	1		1.5	5.4	39.0	47.3	9.9	0.2	1	age age on
Pearuts		1	-	-	1		-	29.7	34.6	22.8	11.0	1.9
Pice	1	1	*	-	1	-	0.4	22.5	30.3	35,1	11.7	889 care
Fye	1	-		-	5.8	23.0	40.2	30.0	0.1		1	
Soybeans	1	1 1	1	and the same of	-		Appendix on the Control of Contro	gas own stra	19.0	50.2	26.8	4.0
Sugar Beets	1	1	1		-	1	5.7	4.8	10.7	47.2	28.0	3.6
Sugar Cane	12.0	9.5	19.7	2.4	1.5	0.4	1	!	1	12.2	32.2	11.6
Wheat	= = = = = = = = = = = = = = = = = = = =	1	1	1	2.5	28.1	35.9	25.2	8.3	1	-	
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the fall and/or winter months. However, the 25 percent of the residues now used as feed may reflect realization of most of those adjustment potentials. Generally, it is necessary for the cattle and residues to exist on the same farm for minimizing collection, transportation and storage, and to minimize the adverse effects on soil fertility and erosion of removing the residues.

#### Collection, Transportation and Storage Costs

Residues can be utilized as feed by grazing following crop harvest, or after collecting the residue. Grazing is the more prevalent current practice.

If significant increases in feed use are to occur, more collecting, transporting and storing for feed will be required.

Harvesting can be done as a custom service or by the farmer himself if he has the equipment. Harvesting costs will vary by method of collection, yield of residue and acres harvested. Residues now are harvested by regular haying machinery and equipment. Medium sized, conventional hay balers are used to harvest straw residues such as wheat, oats, flax and other small grains. The more bulky stalk and stem residues, such as stover and soybean aftermath, are chopped and packaged with the larger one-to three-ton stackers.

If a farmer already has having equipment and is using it for residue collection only a small fraction of the time, most of the residue cost will be variable operating costs (that is, fuel and labor). Representative variable costs of using owned having equipment are \$0.24 and \$0.22 per hundredweight of straw and of stalk and stem residues, respectively (Table 3). The costs will increase to about \$1 and \$0.83 per hundredweight with allocation of fixed costs to the residue harvesting operations. On the other hand, without ownership of the harvesting

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Table 3.--Estimated Cost of Harvesting Crop Residues and Transporting to On-farm Storage

Harvest : method :_	Dollars per hundredweight				
: :	Straw crops a/	: Stalk & stem crops b/			
Grower harvest,:  (variable cost of:  using owned hay-  ing equipment):	0.24	0.22			
Grower harvest, c/:  (fixed and variable : cost of owned hay- : ing equipment) :	1.00	0.83			
Custom harvest:	0.84	0.49			

#### Sources:

Benson, Fred J., John A. True, and Craig A. Miller. Economic Comparisons of Hay Harvesting, Storing and Feeding Systems for Beef Cow Herds. Agr. Ext. Ser. Folder 246--Revised 1976. St. Paul, Minn.: Univ. of Minn., 1977.

Coon, Randal C., and F. Larry Leistritz. Cost of Native Hay Harvesting Systems in North Dakota. Agr. Econ. Rpt. 98. Fargo, N.D.: N.D. State Univ., 1974.

Garner, Carroll R., and W. A. Halbrook. An Economic Evaluation of Three

Haying Systems in Arkansas, 1975. Agr. Exp. Sta. Bulletin 815. Fayetteville,

Ark.: Univ. of Ark., 1976.

Long, James T., Wayne D. Taylor, and Todd W. Berry. Hay Harvesting Costs in Texas. Agr. Ext. Ser. B-1171. College Station, Tex.: Tex. A and M Univ., 1977.

U.S. Department of Agriculture. Surveys of custom hay harvesting rates in the Midwest. ESCS-Statistics. Most recent years.

a/Barley, flax, grass seeds, oats, peanuts, rice, rye, sugar beets, wheat. b/Corn, cotton, dry beans, sorghum, soybeans, sugar cane. c/Average yield of 400 tons/yr.

equipment the farmer may find custom harvesting a preferable option, and an average of those rates for several States also are presented in Table 3. Generally, the harvesting costs can be expected to range upward to about \$1 per cwt. These costs would not include transportation to other farms or geographical locations. The estimated cost of transporting the residue 50 miles, based upon transportation costs for baled hay, is \$0.22 per hundredweight. Storage costs will be negligible if the residues are stacked outside, or if put in space within sheds or buildings which otherwise would be unused.

#### Fertility and Conservation Values

The values of residues as suppliers of plant nutrients and soil organic matter, or as ground cover to retard soil erosion, should be included as costs of removing the residues for feeding, if the livestock wastes are not returned to the land. The fertility and conservation values of residues are not the appropriate costs when all manures are returned to the cropland.7/

The fertility values of the residues can be obtained by applying market prices of N, P & K contained in commercial fertilizers to the quantities of those nutrients in the residues. Estimated in this way, only two residues, cotton and soybeans, had a fertility value exceeding 30 cents (Table 4). Most of the residues had fertility values of less than 25 cents per hundredweight. The contributions of the residues providing organic matter or reducing erosion may exceed the soil fertility value. Organic matter affects productivity of soils inde-

<sup>7/</sup> Returning livestock wastes to the land is an operation with added costs ranging from about \$5 to \$10 per ton (Cf. "Improving Soils With Organic Wastes," op. cit., pg. 24). These costs must be deducted from the fertility and related values of the manure applied to the land to obtain estimates for comparing with values of residues left on the land.

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Table 4. -- Pounds of N, P & K per Cwt of Crop Residue, and Fertilizer Values of Residues per Cwt

Crop Source :	Pounds per Cwt a/		<u>a</u> /	Value per Cwt <u>b</u> /
of Residue :	N	P	K	\$ ,
Barley :	0.65	0.10	1.07	0.19
Corn	0.94	0.15	1.12	0.24
Cotton	1.62	0.20	1.34	0.36
Dry Beans	0.80	0.10	1.08	0.21
Flax	1.06	0.09	1.50	<b>%</b> 28
Grain Sorghum	0.91	0.13	1.11	0.23
Grass Seed	0.57	0.06	0.83	0.15
Cats	0.56	0.14	1.46	0.22
Peanuts	1.44	0.12	1.13	0.30
Rice	0.54	0.08	1.05	0.17
Rye	0.45	0.11	0.63	0.13
Soybeans	1.97	0.19	0.92	0.37
Sugar Beets	0.46	0.04	0.08	. 0.08
Sugar Cane	0.22	0.03	0.11	0.05
Wheat	0.59	0.06	0.85	0.16

a/Residue contains moisture content as harvested and/or fed. Coefficients above are adjustments in coefficients based upon dry weights of residues as reported by Larson, W.E., et al. "Residues for Soil Conservation", op.cit.
b/Based upon average prices paid by farmers of \$0.13, \$0.19 and \$0.08 during 1974-76 for N, P & K, respectively, in anhydrous ammonia, super phosphate (46% P<sub>2</sub> 0<sub>5</sub>) and muriate of potash (60% K<sub>2</sub>0)--calculated from data in Fertilizer Situation, FS-8, ERS-USDA, Dec. 1977, pg. 9. Estimated average prices paid by farmers for fertilizer nutrients in March, 1978, were \$0.15, \$0.40 and \$0.10 for N, P & K, respectively ("Improving Soils with Organic Wastes," pg. 7); application of those prices would increase the values in this Table by about 25 percent.

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pendently of plant nutrients supplied. Moisture holding capacity and tilth are improved. Moisture holding capacity has two effects on productivity: (1) improving water availability for plant use, and (2) reducing water run-off and erosion. The residues also reduce water run-off and erosion by providing surface cover. Soil erosion continues as a major national problem. It is necessary to leave some residue on the land to hold soil losses to minimum acceptable rates. The amount of residue required for the purpose varies by slope and other characteristics of the cropland. A national average would be about one ton per acre for each year cropped.8/ That restriction, as an average, would limit the potential supply of residues for additional cattle feeding (if removed from the land) to the midwest, parts of the Great Plains, Mississippi Delta, and other (smaller) areas of flat to gently sloping land used to produce feed grain, food grain or soybeans. As indicated by Figure 1, most States, as an average, have less than a ton of crop residue per acre of cropland, and, as indicated in Figure 2, the density of beef cattle tends to be relatively high in those States with low densities of residues. A conservation restriction on the removable amount of residue, given the present location of cattle, would tend to limit significant additional feeding of residue to the geographical locations of concentration of both beef and crop production.

<sup>8/</sup> For precise estimates of the relationships of residue management and soil erosion losses for various soil situations, see Larson, et al., "Residues for Soil Conservation" op. cit.

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## Estimated Values of Crop Residues

The absence of market prices for crop residues creates a need to simulate or estimate values, or "shadow prices", for use in assessment of economic feasibility of their use in cattle rations. The principle involved in this estimation is that residues are worth the value of feed ingredients they can replace in the ration without either increasing the cost or the nutritional effectiveness of the ration.

One procedure in finding the values of residues as feed ingredients is to directly compare a quantity of residue with an amount of other (priced) roughage having nutritional content equivalent to that of the residue. For example, if 16 pounds of wheat straw has the same total net energy as 12 pounds of fescue hay, and fescue hay is worth 2 cents per pound, then the wheat straw would have an estimated value of 1.50 cents per pound. One problem with this procedure is that feeding wheat straw to stomach capacity would not maintain body weight of the animal, whereas full feeding of fescue hay may do so. One could add a protein supplement to make the nutruitional value per pound of residue (plus supplement) equivalent to the nutritive value per pound of fescue hay, but then the cost of the supplement would need to be taken into account in pricing the residue. Differences between wheat straw and fescue hay in composition of minerals, vitamins and other elements add complexity to the problem. Computational difficulty is further increased by substituting the wheat straw into rations containing many ingredients (roughage, grains, additives, minerals, etc.) Such computational complexity is the basic reason why computer programming techniques are used in estimating values for nonpriced ingredients in animal rations. One such technique, called parametric programming, has been in research and commercial application for about a decade. It was used in this study.

Spot market prices during January 1978 for major feed ingredients were used in

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the analysis (Table 5). These prices were not considered typical of any local conditions but, rather, estimates of national averages for the 1977-78 winter feeding period. Any additional feeding of residues to cattle likely would occur in wintering operations for maintaining cows or steers, although some could be included in steer growing rations. Effect of lower or higher prices for the feedstuffs upon values of the residues are readily apparent—the residue values will correlate directly or positively with changing feed price levels, especially with prices of other roughages replaced.

Table 6 contains ranges of programmed feed values for the crop residues included in this study. To obtain these ranges in values, each of the residues was substituted into four rations: steer maintenance rations (1) with  $\frac{9}{}$  and (2) without availability of pasture; and steer grower rations (3) with and (4) without pasture. Two pounds of gain per steer per day were programmed for the grower rations.

Generally, lower values for the residues were estimated for steer grower rations and for rations with availability of pasture. Most of the residues are high in fiber and low in net energy, and their greatest usefulness appears to be in steers or non-lactating cows being fed for little or no gain. The higher valued residues, such as oat straw, may fit well into some feeding system for steer grower or finishing rations. Due to many production systems, feed avail-

<sup>9/</sup>The use of pasture in maintenance rations is not considered a practical alternative—any significant amount of pasture likely will result in growth. The programmed solutions limited pasture and other feeds to maintenance requirements. The purpose of these programs was only to estimate residue values—not to identify practical alternative in cattle feeding.

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Table 5.--Market Prices of Commercial Feedstuffs

	Cost/cwt	Location	Date (1978)	Source
Alfalfa Hay	\$ 3.40	US	1/15	3 5 1 3 4 1
Corn Silage	1.00			5
Beet Pulp	5.25	KC	1/23	1
Molasses, Cane	5.17	US	1/15	3
Corn	3.91	US	1/13	4
Milo	3.25	KC	1/23	1
Soybean Meal 44%	7.20	KC	1/23	1
Soybean Meal 49%	8.00	KC	1/23	1
Trace Mineral Mix.	55.00	KC	1/23	1
Cottonseed Meal 41%	10.40	US	1/15	3
Urea 42% N	7.00	KC	1/23	i i
Dehy Alfalfa 17%	3.60	KC	1/23	7
Fat, Animal	16.00	, KC	1/23	2
Dical Phos 18.5% <u>a/</u>	8.50	US	1/20	2
Deflor Phos 18% a/	3.61	US	1/20	2
Sodium Phosphate	22.00	US	1/20	2
Potassium Chloride	2.00	US	1/20 1/20	2
Salt a/	2.19	US	1/20	2
Calcium Carbonate	0.95	US	1/20	2
Gypsum (Ca Sulfate)	1.81	US	1/20	2
Dyna-Mate (S, K, Mg)	1.88	US US	1/20	1 2 2 2 2 2 2 2 2
Magnesium Oxide a/	17.30	US	estimated	_
Vitamin Premix	60.00	03	estimated	
Pasture	0.50		C3 b i illia de d	

## Sources:

1. Feedstuffs, Jan. 23, 1978, pgs. 98-99

2. Chemical Marketing Reporter, Feb. 20, 1978. Agricultural Prices, Jan. 31, 1978, ESCS/USDA.
 Feed Situation, Feb. 1978, ESCS/USDA, pg. 23.

<sup>5.</sup> Page 20, footnote 5 of Feed Situation, May 1977: corn silage price derived from an equivalent price of 5 bu. corn and 330 lbs. hay  $(5 \times $1.84) + (330 \times $.034) = $20.27/ton$ .

a/ These ingredients were overpriced in the feed blending analysis. However, since they are constrained to low levels, there would probably be no significance effect on the estimated values of the residues.

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constrained to low levels, there - - Eropoi on the restrain

Table 6.-- Estimated Values of Residues a

Residue	Range in Value
	<u>\$/cwt</u>
Barley	2.25 - 2.90
Corn	2.68 - 2.87
Cotton	2.34 - 3.08
Dry Beans	2.89 - 2.98
Flax	2.47 - 3.20
Grain Sorghum	2.89 - 3.11
Grass Seed	1.76 - 2.66
Oats	3.14 - 3.37
Peanuts	1.77 - 2.78
Rice	1.50 - 2.69
Rye	2.21 - 2.77
Soybeans	2.02 - 2.74
Sugar Beets	1.53 - 2.03
Sugar Cane	0.09 - 0.64
Wheat	2.00 - 2.58

a/ Values of residues are consistent with the least-cost solutions for rations without residues. These estimates were made through the applications of a linear programming model.

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ability, and costs of producing feedstuffs on individual farms, values of residues as feeds likely will vary widely. The ranges in values on Table 6 apply only to the particular feed prices reported in Table 5. In situations of farm-produced feeds, the residues would have lower values if they replaced roughages or other feeds costing less to produce than the prices quoted in Table 5. It may be uneconomical to bear the cost of harvesting residues on many farms where abundant supplies of low-cost roughages can be produced. However, with roughages and other feed costs approaching the prices used in this study, the feeding of additional residues to beef cattle does appear to be economically feasible, especially if the residues are in excess of amounts needed to reduce soil erosion. The economic feasibility of feeding the residues would increase with increase in prices, or reduction in supplies, of the forages.

For comparative: purposes, the three principal residues, corm stover, wheat straw and soybean aftermath, were substituted into rations with grain level limited to 39 and zero percent. The value of residues in these added analyses were not considered in determining the ranges presented in Table 6. The principal result was an increase in feed cost to achieve either maintenance or two pounds per day gain on steers. Evidently, grain is the cheapest source of energy when feed price relations are as reported in Table 5. A similar effect, an increase in feed costs to achieve maintenance or growth objectives, would occur with an increase in price of grain relative to the prices for forages. A broader analytical approach in determining effects of limiting grain feeding to beef cattle is reported in the next section.

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## Aggregate Impacts of Increased Crop Residue and Reduced Grain Use in Cattle Rations

The results of the micro type of analyses reported above were supplemented by use of a simulation model of the livestock-feed economy to identify the aggregate impacts of reducing grain in cattle rations.10/ Two reasons usually given for reducing the level of grain feeding are to (1) reduce the fat in consumer diets, and (2) increase the supply of grain available for either domestic use or export. Much of the incentive to feed grain to cattle arises from the increase in price associated with increasing slaughter grades of the animals above that attainable from forages. Reduction or elimination of that incentive through changes in the beef grading system is a policy option. All beef grading or better by present standards could be graded as good. This would eliminate the price incentive to feed grain for achieving higher grade levels and thereby reduce the time cattle are full grain feeding and the amount of grain fed. That policy was introduced in the analysis by eliminating in the model the average price differential between good and choice fed steers. Also, in order to minimize the potential adverse impacts on grain prices, it was assumed the initial reduction in grain used in cattle feeding would be added to present exports under P.L. 480.

The basic analysis was for the decade of 1976-1985; to determine the effects of differing stages of the cattle cycle on the basic results, an analysis also was conducted for the period of 1971-1980. Because the cattle cycle did not appreciably affect the direction and general magnitude of the impacts, only the 1976-1985 results are presented in this report. Also, for purposes of this study, only the direction of the impacts (not the magnitudes) was induced. The

<sup>10/</sup> The particular model used was developed by the Forecast Support Program Area of ESCS.

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magnitude of the impacts depended upon elasticities and cross elasticities of demand for the products, as well as other variables, which were incorporated in the model. Although the model's elasticities were statistically estimated from recent data, there is some discrepancy with other studies.11/

In most cases, the first year and end-of-period impacts of reducing grain feeding were of the same sign (Table 7). Major exceptions were as follows: (1) average prices of all steers initially declined, but later increased due to reduced market quantities of beef; (2) total production of corn, initially unaffected, later increased due to stimulus of rising prices of meat on feed grain prices; (3) soybean meal exports, initially increasing due to reduced levels of domestic grain feeding, later declined due to increased substitution of that ingredient for grain in domestic livestock rations; and, (4) production of pork, initially down because of a first year increase in price of corn, later increased in response to rising meat prices. It can be noted that poultry production especially is sensitive to rising feed grain prices. For most items of interest, what started (end of first year) as small impacts increased in absolute magnitude over the decade.

One may draw two major conclusions from the results: (1) deliberate policies to cut-back on grain feeding to cattle can have significant impacts upon production and prices of all meats and feed ingredients; and, (2) these impacts could be less severe if accompanied by (a) reduction in consumer demand for meat, especially choice or prime beef, and (b) technological progress in meat and feed grain production exceeding the trends incorporate in the model.

<sup>11/</sup> For example, an estimated elasticity of consumer demand for beef in the model of -1.5 differs substantially from a statistical estimate of -0.64 for that elasticity reported by P.S. George and G.A. King, Consumer Demand for Food Comodities in the United States, Giannini Foundation Monograph No. 26, March 1971.

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Table 7. -- Impacts of Reduced Grain Feeding of Cattle on Various Commodities

	End of 1st	,	
	Year a/	Year a/	
BEEF	Direction o	of Chango	
The state of the s	DITECTION	or change	
Droduction End (lbs.)			
Production Fed (lbs.)	-	-	
Production Non-Fed (lbs.)	+	+	
Total Production (lbs.)	***	-	
Number Slaughtered Fed	-	-	
Number Slaughtered Non-Fed	+	+	
Average Animal Weight Fed		-	
Average Animal Weight Non-Fed	+	+	
Average Price All Steer Omaha	-	+	
Retail Price Index	+	+	
Per Capita Consumption	_	-	
Number of Brood Cows	none	-	
CORN			
Total Production	none	+	
Amount of Corn Fed	110110		
	+ '	+	
Amount Exported	+	+	•
Average Farm Price	+	+	
Planted Acreage	+	Τ	
SOYBEANS			
Total Production		-	
U.S. Consumption of Meal	-	•••	
Amount of Meal Exported	+	-	
Average Meal Price	-	+	
Bean Market Price (#1 Ill.)	-	+	
POULTRY			
Wholesale Price Broilers	+	+	
Average Retail Price Chicken	+	+	
Production of Young Chicks	_	_	
Troduction of roung arrons			
TODY			
PORK		•	
No. 1 of Nors Claushhamed		_	
Number of Hogs Slaughtered	-	+	
Pork Production	-		
Retail Price Index	+	+	

a/ The forecasting cycle began with conditions like those in 1976 and ended with a stable equilibrium in 1985. (+) indicates an increase and (-) a decrease over the normally forecast value without any adjustments to grade price differentials or grain exports.

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185. (+) initestra R corceast value Althous any The latter conclusion is not intended to be a recommendation for a speedup in research in order to accelerate technological progress. Such an acceleration without the policies to reduce the use of feed grains, including exporting
or more grain, could, itself, have impacts unfavorable to the livestock and feed
industries.

This exploratory study addressed several issues. Low rates of increase in forage production could contribute to deficits in beef supplies. Crop residues may provide additional forage, but are economical mainly where crops and cattle are raised together on the same farms. Also, time of availability of crop residues is an important factor. Most small grain residues become available. during the pasture season. Corn stover, soybean aftermath, and other residues become available in the fall and are best used for over-wintering in a maintenance diet. The residues are not high enough in energy to substitute for grain in grower rations. These results support an overall conclusion that additional use of crop residues is an inferior method of expanding forage supplies while reducing levels of grain feeding to beef cattle.

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APPENDICES

See footnotes at end of table.

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975

				Estimat	ted Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County	Barley :	Corn	Cotton :	Grain s	Oats	Rice	Soybeans	Sugar- beets	. Wheat	other 1/	Total
				3 5 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	000	-000 Tons					8
Alabama		,									ì
Autauga	1 1	28	13		! !	1 1	m	\$ [	ഗ	-	51
Baldwin	. 1	55	1	سم	6	!!	116	1	17	-	199
Barbour	1	42	7	-4	1 1	9 9	5	8 8	-	36	83
Bibb		7	<b></b> 4	1 1	!	!	-	1 1	1	1	4
Blount		18	3	‡ 1 1	1	1	9	1	1 1	1 1	27
Bullock	:	7	1	1	i i	1 1	10	*	1	1	18
Butler	1 1	16	1	1	3 5	1 1	4	1	7	4	25
Calhoun		7	1	t 1	1	1	8	1	7	1 1	17
Chambers		4	1 1	1 1	1 1	1 1	1 1	1	7	1 1	2
Cherokee		21	6	7	1 1	1 1 1	19	1	7	1	52
Chilton	-	16	2	8 8	1 1	1 1	7	1	7	1	20
Choctaw	1	77	!	1	1	1 1	! !	1	1	1 1	11
Clarke	1	15	1 1	1 1	9 9		2	-	7	1 1	18
Clay	1	က	\$ 3 1	1 1	1	1 1	1 1	1 1	1 1	8	m
Cleburne		3	!	1	1	1 1	1	1	1 1	1 1	4
Coffee		61	:	-	1 1 1	1	11	!	7	. 50	125
Colbert	. !	8	14		1 1	1 1	14	1 1	11	1	47
Conecuh	!	36	1	1 1	9 9 9	1	8	-	7	4	51
Coosa		~	1 1 1	:	1 1	1 1	1 1	1 1	1 1	1	-
Covington		45	1	-	~	1 1	34	1 1	m ,	20	104
Crenshaw	!!	39	!	1	9 2 1 0	1 1	4	1	<b>.</b>	18	63
Cullman		61	<b>e</b>	1 1	† 1 1	1	11	1	1 1	1 1	75
Dale	1 1	41	!	. 7	7	1 1	2	# # #	7	34	80
Dallas	1 1 1	28	16	-	1 1 1	1 1	30	1 1	4	1 1	79
De Kalb	1 1	130	2	1 1	1 1	1 1	20	1 1	1	1 1	153
Elmore	1 1 1	17	89	1 1	1	ł i	10	8 8	2	1 6	37
Escambia		27	9	1 1	7	1	54	1 1	9	2	93
Etowah	1 1	21	2	!	1 1	1	89	1 1	-	1 1	32
	10										

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

000				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley	Corn	: Cotton	Grain sorghum	; Oats ;	Rice	Soybeans	Sugar- beets	: Wheat :	Other:	Total
					000 Tons-	ons					
AlabamaContinued: :							α	\$ \$ 1	-	1	24
Fayette		12	m i	i 	i 1	1	0	1 1	-	1 1	29
Franklin	1 1	.18	-	1 "	1 .	1	280	1	· (*)	38	151
Geneva	1 1	80	1 (	<b>-</b>	4	\$ 1 0 1	17	10 mg	. ~	1	37
Greene	!	15	m) ·	! -	î î		49	1 1	2	1 1	99
Hale	1	10	4	c	4 ( 6 )		2	1 1	2	70	136
Henry	1	59	1 1	n <	,	1	22	ì	3	7.1	194
Houston	1 1	92	1	<b>.</b> -	4	1	42	1	10	1	131
Jackson	1	9/	7	4		1	-	1 1	1 1	- t - t	æ
Jefferson	1	2	1 1	1 1	1 1 1		† [[	1	٦	1 1	25
Lamar	1	11	2	1 "	i i		42	1 1	10	1 1	75
Lauderdale	1	13	ָּיָ הַ	-1 r	t 1		4 4	1	14	1	94
Lawrence	1	19	17	<b>-</b>	t 5 t 1 i 1		2	1 1 1	-	1	12
Lee	1 1		7 6	-	1	1	56	1 1 1	89	1 1	113
Limestone	1	47	47		1	1 1	12	1	9	!	27
Lowndes	1	9	n m	+     	1	\$ \$ 1	13	1 1	2	1	25
Macon	1	2 4	72	£ 8	1	1	57	1	8	٦	147
Madison		r (	, (	1	2	1 1	27	1	S	1 1	46
Marengo	!	22	-	1 1	1	1 1	12	1 1	-	1	36
Marion		77	2 1	1 1	. 1	1	29	1	7	1	96
Marshall		2.0	1	1 1	. !	1 1	37	1 1	4	1 1	69
Mobile		30	4	2	1	1	32	1	ന	1	7.1
Monroe		מי		. ~-	. 5	1	27	1	e	7	41
Montgomery	1	ي در	. <	۰-	1 1	i i	31	8 8	2	1 1	69
Morgan		10		۰	-	1	28	ł	4	1 1	44
Perry	1	אנ	1 4	1	1	i i	17	t 3 1	2	1	38
Pickens		41	1 1	1	1	1 1	7	1 1	7	37	81
Pike		10		f 1 1	1 1	1	1 1	1 1	1	ŧ	10
Randolf h	1 1	9		! !	1 1	t i	9	1 1	1 1	er .	19
Kussell											

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975.--Cont.

of the state of th				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	ested			
	Barley :	Corn	Cotton :	Grain	Oats	Rice	Soybeans:	Sugar- beets	. Wheat :	Other 1/	Total
••											
· · · · · · · · · · · · · · · · · · ·					000 Tons-	Tons				8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Atabama-Continued:		L									
St. Cidir	1 1	Ω ·	1	F	1 1		7	1 1	1 1	1	9
Shelby	‡ 1	9	7	9 2	1	 	5	1 1	7	1	14
Sumter		7	1 1	-	i	1	15	1	+ 1/2	1	20
Tallagega	!!!	9	7	1 2	1 1	1	20	1 1	, (		62
Tallapoosa	!	4	1	1 1	1 1	 	7 -		n	i i	05
Tuscaloosa	†   	7	4	7	1	3 !	+ 1		) ( †	\$ B †	٥٠
Walker	-	8	1 1	1 !	i		۰,	\$ 1 3	7	f 4 4	21
Washington	1	9	-	1		] 	<b>-</b>	1 1 1	3 8	1	o
Wilcox	1 1	° =	+ c		<b>8</b> 9	1 1	m (	# # 1	1 1	1 1	10
	 	1 6	4	i i	1 1	1	16	1 1	7	1 1	31
with a contraction	B	10	1 1	4 4	1	-	2	1 2 1	1 1	1 1	12
Unallocated 2/	1 9	9 6		7	9	# # #	12	1	4	6	3.8
State total:	# \$ 1	1596	225	38	27	1 1	1122	1	180	400	3588
•										)	
Arizona :											
Apache	1	2	1 1	-	1 8	1 1	5 8 8	!	i	1	۲
Cochise:	18	-	11	128	1 1 5	i i	1 1	1	191		096
Coconino	1 1 1	7	1 1		‡ ‡	1	1	ļ	101		noc
Gila	1 1	1	-		1	1	<b>)</b>	1 1	} 	‡ ‡ ‡	-
Graham	45	† 1 †	83	65	1	† :  -	l I	] }	1 0	{ 1 1 ,	} 1
Greenlee	† !	1 1	1	-	1 1	:       		 	87	1	147
Maricopa	171	4	202	62	1 1			1.5	<b>c</b> 00	1 1	9
Mohave	1 1 1	1 1	2	1 1	1 1		1	3 1	Tor	1 1 1	. 918
Navajo	1	4	† †	7	1 1	1 1	1 4 8	- I 1	,	1 1	7 (
Pima	24	-	19	12	1	1	1	!	45	1	, , ,
Pinal	107	1 1	124	22	1 1	1 1	1 1	13	0000	t i	101
Santa Cruz;	1	1 1	1 1	1	1 1	1		7	200	\$ \$	554
Yavapai	1 1	~	i	1 1	1		t t	1	1 ,	1 1	2
	3.5	۳,	6.4	11		} 	000 qui 000	1	-	1 1	2
Harrist Control of	2	7 4	<b>F</b> 0	. 7 7	1	99 99 41	!	11	337	!!!	451
•	200	<b>3</b> C	1 4	- :	1 1	!	1 1	1 1	m	1	9
state total:	383	a T	430	314		1	1 1	51	1261	†	2458
See footnotes at end of table.	f table.									Č	•
										3	Continued

Continued --

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ted Plant	Residue	Estimated Plant Residuc From Harvested	ssted			
State and County :	: Barley :	Corn	: Cotton :	Grain	Oats	Rice	Soybeans:	Sugar- beets	. Wheat :	Other 1	Total
	3 3 8 8 5	1 1 1 1			Tons-	ons					
Arkansas :											
Arkansas	1	1 1	t i 1	æ	\$ 8 1	356	229	1 1	2	1	590
Ashley	1		29	m	l i	52	52	i   	!	1 1	137
Baxter	1	1	i i	1 1	‡ ‡ ‡	1	1 1	1 1	!	1 2 0	-
Benton		2	1	1	1	!!!	1	\$ 1	m	7	<b>o</b>
Boone	1	1	1	1 2 2	1 1 .	1 1	i i	t a a	-	1	7
Bradley	1	E 6	1	† !	1	1	٦	1	<del></del>	!	
Calhoun	1 1	2	1	7	1 1	1 1	2	-	1 1	 	ω.
Carroll	§ 8 1	1	l 5 1	7	1	9 9	\$ 8 1	1 1	~	 	2
Chicot	1	~	12	9	1	95	179	1	22	1 1	313
Clark	1	-	1	7		7	17	1 2 2	1	9 9 9	27
	1 1	8	11	53	1 1	83	157	1	28	t i i	370
Cleburne	1 1	~	1 1	1	1 1	1	7	1	-	†	<b>4</b>
Cleveland	1	1	1 1	\$ \$	1 1	8 8 9	٦	1 1	1 1	1	٠,
Columbia	1		1 1	1 4	8 8 0	1	1 1 1	1 1	!!	1 1	<b>-</b>
Conway	1	2	-	m	i : :	2	30	1	ഗ്	1	43
Craighead	1 1	8	46	17	1 1	166	144	1	48	1	429
Crawford	1		1 1	1	ŧ \$ \$	1 1	21	1	9	1 1	29
Crittenden	gen age ma	2	24	3	1 1	33	151	1	96		309
Cross		1 1 1	m	10	1	207	165	1 1	46	1	432
Dallas	1 1	1	1 1	1	1 1	7	-	‡ ‡	1 1	-	7
Desha	1	2	56	4	1 1	108	141	1 1	11	1 1	292
Drew	1	~	89	7	!	32	42	1 1	7	1 1	85
Faulkner	1	2	!	٣	1 1 1	8	10	1	2	1	25
Franklin	1	2	1 1	-	1 1	1 1	လ	1	7	ţ 	10
Fulton	1 1	-	9 8	~	1 1 6	-	1 1	1 1	7	-	m
Garland	1	1 1	100 mg mg	1 1	i 1	1 1	8 8	1 1	2	1 1	2
Grant	1 1	1 1	1 1	1	f 1	1 1	1 1	1	1 1	! ! !	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Greene	1	2	11	22	1 1	79	117	1	28	1 1	259

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ed Plant	Residue	Estimated Plant Residue From Harwoot as	70			
State and County :	: Barley :	Corn	: Cotton :	Grain	Oate			Sugar-	10	1	
	**			sorghum	Oats	NI Ce	Soybeans	beets	: Wheat	$\frac{1}{1}$	Total
••		1		# # # # # # # # # # # # # # # # # # #	Tons	Tons					
ArkansasContinued:									•		1 1
Hempstead	1	2	1 1 1	-	1	6	25				6
Hot Springs		7	1 1	-	1 1	1 0	7,7	i T	! " !	f     	30
Howard		7	1 1	1 1	1	1 I	<b>4</b> C	1	-	1 1	7
Independence :				9	i	0.0	7 7 9	# \$	1 6	8 ! }	en ;
Izard	-	7	‡ !	. ~	1	1	5 1	} 	32	† † †	113
Jackson			9	15	1 1	218	179		1 0	<b>D</b> 44 00	7 004
Jefferson	1 1	7	62	4	1 1	135	90		90	t 1 2 1 1 1	499
Someon Someon	1	7	2 2		1 1	t 1 1	5	1 1	2	1	326
Larayette		-	E	4	1	17	14	1	4 01	) 	υć
Lawrence	1	7	2	20	H	107	113		2,5	1 1	<b>4</b> 0
Lee		2	22		. —	48	66		77	1 1 1	269
Lincoln		e	21	2	1	81	58	1 1	ט ר		791
Little Kiver	1 1	7	1 2 1	m	1 1	2	18	1 1	۳ ،	]   	175
rogan	1	7	1 1	-	1 1	1	ן ורו	!	ח ת		77
Lonoke	1 1	-	25	. 4		237	166	1	7		740
Madison	1	-	1 1	!	1	1	1 1	1 3	• -	-	0 °
Milloy		۰,	1	1	1	1	1		1	1 1	- ۱
Mississippi	1 1 1 1 1 1	٦ ,	<b>→</b> (	9 (	1	4	31	1	7	1	50
Monroe	1	· -	10	<b>,</b>	1 C	17	353	1 1	166	1	602
Montgomery:		• ~	7	7 !	7	96	124	1	→,	e es	245
Nevada	!	1	1	1		] 	'	1 1	1 1	1 1	7
Newton	1 1	1 1	‡ [	·	1	2 2 6	7	* *	1	1	4
Ouachita	-	1	9 8		1 1 1	1 1	1 1	-	1	1 1	1 1
Perry	753	:	1 1	-	ne se da	!	ហ	1 1 1	1 1	1 1	2
Phillips	1 1	2	29			0 0	- c	! !	7	B 80 10 10 10 10 10 10 10 10 10 10 10 10 10	15
Pike	1 1	-	) !	4 : 1		707	1/9	1	10	1 1	242
Poinsett	1 1	7	32	4	_	244	23.2	1 1	1 0	1 1	ស
Polk	***	1	1	1 1 1	† <u>;</u>	F 1	252	å   8   8	30	1 1	544
								1	1 1 1	1	~

See footnotes at end of table.

Continued--

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

***				, Estima	ted Plant	Residue	, Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	other 1/	Total
•	1	3			000 Tons-	rons					
ArkansasContinued :											
Pope	1	2	1		1 1	1 1	12	1 6	2	1	16
Prairie	!	F L I		2	12	207	223	t t		1 1	446
Pulaski		1	2	~	1 1	15	39	1 1	10	1 1	7.1
Randolph	i 1	7	2	20	1 1	29	39	3 2	91	* 1	107
St. Francis:	1 1 1	٦ .	14	e	1	86	132	1	48	\$ } 1	296
Saline	# *	:	1	1	1	10 11	7	1 1	1	1 1	7
Scott	1 1	7	1		1 1	1 1	1		8 8	1	. 2
Scarcy:	1	;	8	1 1	1	1	1	\$ 	1 1	1 1	!!!
Sebastian	1	1	1 1	***	1	1 1 1	9	1	1	‡ † ‡	7
Sevier	!	-	1	1	1	1	m	1 1		1 1	4
Sharp	1	:	1 1	1	†   	† † †		1 1	5 8 8	1 1	!!!
Stone	i i	1 1	1	t t		1	1 1	1 1	1 1 1	1 1	t 1 1
Union	1 1	-	1	1 1	-	9 9	1 1	1	1	1	1 1
Van Buren	1 2 4	7	!	-		!	!!!	1	1	; ;	2
Washington	1	1 1	1 1	<b>.</b>	1	1 1 1	!	1 1	1 1	~	2
White	1 1	7	1	11	4	33	103	1	1	† ! !	153
Woodruff	AND AND THE	7	11	9	1	146	209	1 1	27	1 1	400
Yell	1 1	2	1	2	1	4	11	1	Э	† { i	23
Unallocated 2/:	8 1 8	0	4	9	46	1 1	2	l l	. 2	m	62
State total:	1 1	87	495	274	72	3004	4027	1 1	998	7	8331
California	,										
Alameda	12	1	1 1	-	1 1	1	! ! !	4	-	1 1	18
Alpine	# !	!	1 1	1	1 1	1	1 1	1 1	4	1 1 1	* -
Amador	# 1	1	1 1	1 1 2	1	1	1		1 1 1	1 1	† 1
Butte	35	25	1	26	2	391	1 2 4	89	86	11	599
Calaveras	/	1 1	398	1 1	1 1	1 1	-	1	1	l l	398
Colusa	51	2	1	15	7	578	1 1	44	252	13	956
Contra Costa:	11	36	!	9	. !	1 1	† #	13	6		75

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

					-						
State and County :	••		-	Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
	Barley a	Corm	Cotton :	Grain	Oats	Rice	Soybeans	Sugar-	Wheat :	10	
••	1							Deers		17	TOTAL
CaliforniaCont.					000 Tons-	rons		# # # # # # # # # # # # # # # # # # #			1
Del Norte	\$ 0 co		1	1							
Eldorado	1 1.	1	1	!!!	= = =	1 !	1	1	1	1 1	1
Fresno	290	6	1 1	24	) u	1 0	1 1	1	!	1	* *
Glenn	45	11	!	15	n <b>-</b>	9/3	1 2 1	111	18	10	933
Twooris	1 1		!	1 1	1 1	ר ה ה	3 1 1	21	. 88	7	491
Invo	41	-	119	46	1 1	1	ł 1	100	1 1	!	1
X X X X X X X X X X X X X X X X X X X	1 1	1 2 4	1 1	1	1 1	1		121	746	1	1284
Minor	119	40	400	29	-	25	1 : 1 :	\$ C	3 3	-	~
I ake	363	72	223	14	S	) m		? •	253	18	955
	<b>-</b>	!	1	1 1	9 9	) 1		<b>4</b> "	210	7	968
	<b>©</b> (	1 1	1 1	1 1	٦	1	?	1	<b>~</b> ;	1	7
_	25	1 :	1	!	!!!	1 1		1 0	20	1 1 1	29
Marin	90	118	20	9	-	~	1	90	97 97	\$ (	52
Mariposa	)   	1 1 8	1 1	1	!	1 1	!	2	7	77	291
Mendocino	m	-	\$ \$ \$		1 1	1 1	1	3 2	+ ;	1 1	<b>→</b>
Merced	74	. 138	1 05	16	-	*	!	8 8	-	-	יט ו
Modoc	17	1	2	2 !	01	09	1 1	11	68	10	503
Mono	1 1 1	2 2	1 1		٥	1	1	1	58	:	135
Monterey	118	89	!!!	1 1	-	1 ? !	1	1 :	σ	1	6
Name and American	‡ †	1 1	-	1 1	' ¦	] ( 	6 1 8	67	7	49	250
Nevada	! !	1		!	} !	8	\$   	} 	1	1 1	3 5
Placer	16	2 2 2 3	1 1		1	1	\$   1   1	1	†	1	1
Plumas			8 8	!	15	39	1 1 1 1 1 2	1	1 1	1 1	16
Riverside	-	1	1 1	1	1	1 1	3 1 1 1 1 8	\$ 1	1	1 1	54
Sacramento	4 4	1 0 0	25	11	7	1 1	1 1	15	1 :	1 '	-
San Benito	28	246	:	19	9	29	9	20	107	<b>-</b> -	133
San Bernadino;	۳ ا	7		1 1	-	1 1	1	· e	-	<del>-</del>	34
See footnotes at end of table	table				!	† 1 1	!	-	187	<b>'</b>	191

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975-- Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted				1
State and County :	: Barley :	Corn	: Cotton	Grain :	Oats:	Rice	Soybeans	Sugar- beets	: Wheat :	Other 1/	Total	1
ge 46 **					000 Tons-	lons						
CaliforniaCont. :												
San Diego	12	7	1 1 2	1 1	3	3 1 1	1 3 2	\$ 6 6	-	_	19	
San Francisco:	8 6	1 1	E B é	1 1	1 1	1		1 1	1 1	<b>4</b> !		
San Joaquin	124	283	1	20	12	43	1	134	137	46	799	
San Luis Obispo:	134	-	i i	7	5	1	80 BF 45	9	66	6	255	
San Mateo	1	-		1	7	1 1	1	1 1	!	1 1	2	
	o .	!	!	ļ <sup>-</sup>	7	1	1 1	10	89	15	43 .	
Santa Clara	4	1	1 1	1 1	1	1 1	1	٣	8	7	8	
Santa Cruz	are alle era	1 1	!	<b></b> -1	- 00 000	1		1	1	2	m	
Shasta	4	3 0 0	1	1 1 1	-	1	1	1	3	-	6	
Slerra	1	1	!	ŧ ŧ	1 1	1	!	1	1 1 8	1 1	1	
1 Siskiyou	26	1	# !	1	B	1 1	1	1	19	1	131	
solano	54	53	1 1	19	9	1	1 1	92	151	6	384	
sonoma	r-l	1 4 1	1 1	* * *	80	ស	1 1	1 1	1	1 1	14	
Stanislaus	62	33	1	7	11	13	8 8	20	9	18	170	
Sutter	42	23	1	33	1	379	1 1	6	149	9	641	
Tehama	23	m	8 8	2	S		1 1	4	19	7	63	
Trinity	-	1 1 1	!	1 1	1 1	1 1	1 1	1		1	1	
Tulare	161	236	141	49	12	7	1	16	180	12	814	
Tholume	1 1	\$ 2 2	1 1	† !	1	t i t	1 1	1 1	1	1 1	1	
Ventura	4	15 -5 -6	1	!	-	!	1 1	7	1 1	1 1	7	
Yoto	109	104	1	51	7	179	8 8	119	218	7	788	
Anpa	m	7	1 1 1		1 .	111	-	i i	11	1	129	
Unallocated 2/:	73	-		2	Э	7	1 1	89	231	4	327	
State total:	2683	1537	1407	417	144	2283	000	1245	3454	279	13447	
Colorado												
Adams	. 24	13	1 1	1 1	٦,	1	1	2	205	C	250	
Alamosa	61	2 1 2	1 1	1 1	3	1	1	1 1	203	4	007	
Arapahoe	15	2	1 1	1 1	1	! ! !	1	-	81	1 1	00.	

See footnotes at end of table.

Continued--

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

	90 00				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
1	State and County :	Barley :	Corn	: Cotton :	Grain Borghum	Oats	r Rice	Soybeans:	Sugar- beets	. Wheat :	Other:	Total
						000	-000 Tons				8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	
Co	ColoradoContinued :											
	Archuleta	1	1 1	1 6 1	1 1	1 1 2	1 1	t 1	1 1	1 1	}	1
	Baca	1	141	1 1	87	1 1	1	1 2	-	94	1	324
	Bent	3	9	!	18	4	8 9	!	† 1 2	11	1	39
-	Boulder	14	23	9 9	!	. 7	1 1	\$ 2 5	1 1	01	en	52
	Chaffee		1	1 1 2	1 1 1	1 1	*	1 1	1 1	!	1 1	1 1
	Cheyenne	7	23	1	3.	1	3 2 2	1 1	9	75	1	105
	Clear Creek	-	1	ģ il ir	1 1	† † †	1	1 1	1	1 1	1 1	1
	Conejos	48		!	1 1 1	e	1 1	!	1 1	1 t	1	51
	Costilla	36	1	!	1	-	1	1 1	1 4 1	-	1	38
	Crowley	1	6	1 1	2	1	ì	1 1	7	9	m	24
. 9	Custer	!	-	2 2	1 1	1	1 1	1	1	-	1 1	~
	Delta	18	16	1 1	1	2	<b>40</b> 000 <b>40</b>	1	89	7	4	51
	Denver	1 1		3 1 2	1 1	1 1	\$ \$	1 1	1	1	1 1	!
	Dolores	+	1	3 3	1 8	:	1 1	1 1	1	30	12	42
	Douglas	7	1 1 1	1 1	- 2 2 3	1 i	1 1	-	1 1	17	\$ \$ 1	19
	Eagle	1 2 1	1	1 1	\$ \$		1	!	1	1	-	1 .
-	Elbert	9	7	!	1 1	1	1 1	1	1 1 1	09	7	69
	El Pasoi	1	4	1 1	; 1		1	1 1	‡ 1 1	2	1	10
-	Fremont	1 1	1	1 1	1 1	2 3 1	1 1	-	1 1	22	\$ \$ \$	22
9	Garfield	-	1 1	1	1	1	1 1	1 1	1	1	1 1	1 1
	Gilpin	1 1	1 1	1	!	1	-	!	1	1 1	***************************************	1
	Grand		1 :	1		1 1	-	1	1 1 1	1 1	1	1 1
9	Gunnison		1 1 1	!		1 1	1	1 1	1 1	1 1	‡ 1 1	† 1 1
	Hinsdale	1 1	-	-	1 1	1 1	1	1	1	!!!	2 1 5	1 1
	Huerfano	!!!	1 1	1	1	1 1	1	1 1	!	е	!	m
3	Jackson	1 1 3	1	!	1	1 1	-	;	1	1	†	1 1
, 3	Jefferson	e	1	1 1		1	1	!	1 1	9		10
	Kiowa	1	15	*** *** ***	8	1 1	1 1	\$ \$ \$	1	144	1 1	167
	Kit Carson	4	206	!	6	1	8 8	1	40	220	8	487
Se	See footnotes at end of table.	of table.									Con	Continued

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plan	t Residue	Estimated Plant Residue From Harvested	ested			
state and county a	Barley:	Corn	: Cotton :	Grain sorghum	Oats	Rice	Soybeans	Sugar- beets	: Wheat :	Other;	Total
									-	7.	
. 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000	-000 Tons				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
ColoradoContinued:											
. Lake	1 1	1	1	!	1 1 i	1	1	1 1	1	1 8	i i
La Plata		1	9 9	1	-	8 1	1 1	1	13	٣	18
Larimer	40	46	1 1	1	2	1	1	20	31	6	148
Las Animas	-	7	9 09	7	1 1	1 1	1 1	1 1	4	1 1	١ ،
Lincoln	7	9	1 1	1	1	1	1 1	1	144	-	154
Logan	en	200	\$ 8 2	7	E.	1	1 1 1	30	226	0	473
Mesa	18	42	1	1	-	1	1 1 1	12	5	1	80
. Mineral	1	1 1	1 1	t 1	1 1	1 1	1 1	1 1	1	1	1
Moffat	1 1	1	1	t i	7	1 1	1 1	1 1	42	1 1	43
Montezuma	4	2	<b>*</b> 40 co	1 1	1	1	1	1	!	17	23
Montrose	28	8	1 1	8 8	2	1	† 1 1 1	6	10	7	64
Morgan	21	203	1 1	٣	2	!	1	36	63	12	340
	1	33	8	3	1	1	1 1	S	14	-	57
Ouray	1 1	1	1	1 1	1 1	† 1	1 1	1 1	1 1	1	!
	!	1 1	1 1	40 000 000	t t	1	1 1 3			1	1
	2	148	1 1	7	1	1 1	0 0 0 0	15	142	11	321
Pitkin	4	1 1	1 1	1 1	1 1	1	ga equ equ	1 1	-	1 1 8	4
Prowers	m	34	!	43	1 1	1 1	1 1	m	82	1 1	165
Pueblo	-	18	ŧ ŧ	7	٦	1	1 1	1 1	9	7	40
Rio Blanco	7	1	1 1	‡ 1 1	1	1 1	1 1	1 1	1.4	1	21
Rio Grande	78	1	1	!	2	1 1	†   	1	4	!	84
. Routt	11	1	ŧ i	<b>†</b> †	7	1 1	1	200 vir 910	42	1	54
Saguache	48	1	1	‡ †	1	1 1	1 1	} 	1	!	49
San Juan	1 5 1	1	40 at at	1 1	1	1 1	1	1 1	1	1 2 1	1
San Miguel	1 1	1	f 1 1	1 1	1	1 1	1	1	e	2	5
Sedgwick	4	105	8 8	1 1	-	1	1 1	7	156	13	286
Summitt	1 1	1 1	t 1 5	1 1	1 1	1 1	1	1 1	1 1	\$ \$ \$	1
Teller	ŧ !	1 1	1	† † †	1	i i	1 1	1	1 1	‡ 	1 1.
Washington	14	47	1 8	е	-	1	1	7	418	5	495
See footnotes at and of table	of table										
3.3	or canto.									1	

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο ο				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corm	: Cotton :	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat	other;	Total
					000	-000 Tons					
ColoradoContinued:											
Wild	91	384	1	. 2	6	j l i	1 1	132	236	**	0
Yuma	Ħ	510	g 1 2 3	11	7	1	1 1	201	170	ਹੈ ਹੈ ਹੈ	898
Unallocated 2/:	5	1	3 1		2	1	1	; 6	77	י ע	732
State total	624	2250	1 1	211	47	1 1	1	372	2834	186	52 6524
Connecticut											
Fairfield	1 1	1	!!!	1 1 1		1 1	1 1	1 1	!	1	
Hartford	1	2	1	1 1	1	1 2	1 6	1	1		] ( ]
Litchfield		9	1	1 1	1	1 1	1 1	1	1 1		7 (
Middlesex	) 1 1	1	1 1	1 1	1 2	i i	\$ 8 9	1	1 1		n .
New Haven	1 1		1	\$ \$ 8	]. [ ]	400 em em	1	1 1	3 4	!   !	<b>→</b>
New London	1 1	7	1 1	1	\$ 1 3	1	1 1	† !	1 1 2	1	2
Tolland	-	1		1 1	2 2	1	1 1	1	3	1 1	١.
. Windham	1	-	1 1 1	† !	1 1	1 1	1 1	9 9	1 1	: 8 : 1	-
Unallocated 2/:	-		1	!	1 1	1	1 1	1	1	1	<b>+</b>
State total:	1 1	6	1		1 1	1	1	!	1 1	1 1	5
De lauare											,
Kent	14	216	1 1	9	1		Ĺ				
New Castle	4	100	!	. 1	f		60	1 1	19	S	313
Sussex	24	473	8 8	1 1	1 1		67	1	17	<b>~</b> ,	151
. Unallocated 2/:	1 1	1	1 1	1	1 1	1 1	F 1	8   9   1	97	7	979
State total;	42	789		e E B	1	1	182	1 8 1 8	64	1 2	1 000
Florida									•	3	0601
Alachua	1 1	39	1 1		1	1	0	1		•	
Baker	1 1 1	2	!		92 92 93	1	1 1	1 1		4	45
Вау	1 1	1	1		1	1 1 1	6	į		1 1 1	ភ្
Bradford	1 1	7	9 8 8	1 1	1 1 1	1 1	2	1 1	1 1	1 1	10
See footnotes at end of table.	f table.										•

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See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

s				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley :	Corn	: : Cotton	Grain	Oats	Rice	: :Soybeans:	Sugar-	. Wheat :	Other	Total
•				•				- 1		7.	
**	1				000 Tons-	Tons			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
FloridaContinued:											
Brevard	!	m	\$ 8 8	1 1	1 1 1	1	1 1	1 1	1 1	9 1 3	~
Broward	1 1	1 1	1 1	1	. 1	1 1	1 1	}	1	j 1	1
Calhoun	1	19	1 1	1 1	1	1	20	1	-	و	47
Charlotte	4 1 2	<b></b>		1 8 6	1 .	1 1	1	1	1	) [	, (r
Citrus	1	1	1	! !	1	1	1	1	1	1	) <u> </u>
Clay	1	1	† 1	1 1	!	1	1			1 2	1 1
Columbia	!	1 4	1 1	\$ \$ 8	1	1 1	1 1	1	1	1	1
Dade	!	4.9	1	1 E	!	2 2 2	1	1	1 1 1	2	51
Dade	8 8 8	1 (	!	!	1	1	8 8	1 1	1 1	1	1 1
Divio	ê 8 8	ب ر <sub>م</sub>	1 1	1 1	1 1	1	1 1	1	1	\$ 1 2	m
David Comment	1 1 1	4.	1	1	1.	1	1	-	8 8	1 1	4
Davat	<b>Q</b>	1 1	1	1 1	1 1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1 1	1 10 10
Flacier	*	٦ ر	g b g	1	mi	1	51	1	6	1	100
Franklin	1 1	٦ ,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 5		# † 1	1 2 2	1 1	1	1	7
Gadsden	     	7 (2	9   1   1	B !	1 1	AD 80 00	<b>o</b> 1	1 1	1 1	1	11
Gilchrist	1	4. C		1	  -  -	1	ر د	1 1	2	2	41
Glades	- 1 - 1	ה ר		1	1	-	7	1	1	. 1	40
Gulf	\$ 0 8	2	1 1				1	i i	1 1	81	84
Hamilton	1 1	79	1	\$ \$ \$	.	1 1	ן ת ו	1	1 1	1 1	11
Hardee	1 1	e	1	1	\$ 1 4	1 2	1 8		ł 	1	79
Hendry	!	٣	1	!	1	1	1	)   	ete ilin os	1 0	m :
Hernando	1		1	1 1	1 1	1 1	1 1		1	473	426
Highlands	I I t	٣	1	4 4	1	1 1	1		1 2 5	1	1 1
Hillsborough		1 1	1 1	1 1	1.	1	1 1		1	1 1	m
Holmes		23	1 1	9 8	. !	1	9		1 2	1 (	
Indian River:	t t	9	1	1 1 1	1 1	1	1		##	_	36
Jackson	**	83	\$ 1 5	1 1	4	1	31	1 1	7		en 50 f
Jefferson	1 1	33	1	1 1	1 -	1	<u>س</u> ا	4 4	7 ! !	0 4 	186
										3	7 6.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

80 00				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain sorghum	) Oats :	Rice	Soybeans	Sugar-	Wheat :	Other;	Total
••		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			000 Tons-	suc					
FloridaContinued:											
Lafayette	1 1	14	1 1	# # # # # # # # # # # # # # # # # # #	1 1	1 1	9 8	1	1 2	1 1	14
Lake	1	!	1	1	\$ 1 1	9 0 1	1	3 1	1	1 1	F 1
Lee	-	3	1 1	1 1	1 1	10 10	;	1 1	1	1 1	e
Leon	1 1	15	1	!!!	1	1	2		1 1	-	19
Levy	1	16	1	1	1 1	1	2	1	1 1	6	27
Liberty	1	-	8 8	1 1	1 1 1	1	2	1 1	1	1	m
Madison	-	57	1 1	1	1	2 2	1 1	1	48 45 0CI	1	58
Manatee	-	m	\$ 1	1 1	1	1	1 1 1	# # # # # # # # # # # # # # # # # # #	1 1	1 1 1	3
Marion	1 1	16	1 3	1 1	1	-	2	1	1	7	25
Martin	1 1 1	e	-	1 1	1 1	1 1	9	1 1	1000	1 1	3
Monroe	1 1	1	1	1 1		1	1 1 1	1	1 1	1 1	1 1
Nassau	1 1	-	1 1	1 1 1	1 1	1 1	1 1	9 8	\$ 8 9	1	-
Okaloosa	.1	18	1	1 1	7	!	. 16	1	e	1	39
Okeechobee	;	<b>~</b>	‡ i i	1	1	1	† 8 8	1 1	-	1	٣
Orange	3 8	~	!!	! !	1 1	1	1 1 1	1	1	1	7
Osceola	1	1 1	1 1 1	! !	1 1	1	1	1	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Palm Beach	1	\$ 5 1	1	1	1	1	1	-	1 1	1123	1123
Pasco	ŧ !	1	!	!	-	1	1	1	1 1	1	1
Pinellas	\$ 9 8	1	-	1 1 2	§ § §	1	***	1	ŀ	1	1
Fork	† 1	1 (	1 1 1	ł 1	1 1	1 1 2	1	1	1 1	1 1	1
Putnam	1	7	1	1	-	1 1	\$ 1 4	1	1	1	2
St. Johns	1 1	4	1	1	1 1	1	00 co ale	!	1	1	4
St. Lucie	1	m ;	1 1	1	1 1	1 1	1	1 1 1	1	1	e
Santa Rosa	1 1	38	7	1	1	1	43	1	2	15	104
Sarasota	\$ 5 E	1	\$ \$ \$		1 1	Î	1 1	1	1	1 1 1	
Seminole	1	1	1 1	1	1 1	1 1	40 000 00	9 2 6	1	1 1	1 1
Sumter	***	7	t t	# 6 a	1 1	# # #	1 1	1 1	1	1 1 1	-
Suwannee	!	93	1 1	1	1 1	1	1 1 1	!!!	!!!	4	16
Taylor	-	<b>-</b>		6 8 8	1 2 1	1	1	!	1 1	1 1	-
See footnotes at end of table.	of table.										

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley :	Corn	Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other:	Total
	9 9 9 9	8 8 9 9			000 Tons-	ons					
FloridaContinued											
Union	-	6	1		1 2 3	1	2	† †	l l	1	11
Volusia	1	8 2 2	1 1	1 1	8 t 1	1	\$ 1	† ! }	1	1 1	
Wakulla	1	-	\$ 9 1	1 1	1	1 1	6	1	1	Ħ	11
Walton	1	22	1 1	1 1	1 1 1	1 1	6	1 1	1 1	Э	34
Washington	1	13	1	1 1	1 1	1 1	2	1 1 1	1	2	20
Unallocated 2/:	1	1	1 1	j 1 3	7	1 1	10		5	2	18
State total		608	7	!	12	1	253	8	29	1762	2867
Georgia											
Appling	1	131	8	1	!	1 1	2	1	1	1	134
Atkinson	1	43	1	1 0	1 1	1	2	1 1	!	7	46
Bacon	1	16	1	1 1	1	1 1	7	1 1 1		t 1 t	86
Baker	1	9 ;	1	1		8 8	4	1	-	39	110
Baldwin	1 1	1	1 1	:	**	1 1	1	9 -9	i t	1 1	80
Banks	1	4	1 1	!	1 1	1	1	1	1 1	0 0 0 0 0 0 0	4
Barrow	1 1	2	†	:	1 1	1 1	2	\$ \$ \$	1	1 1	4
Barton	1	m	2		1	8 8	10	1 1	-	!!!	17
Ben Hill	1	46	1 1	1 !	1	9 8	4	1	1	18	68
Berrien		92	\$ 1	7	!	1 1	12	I I	1 1 1	2	110
Bibb	the day one	2	\$ \$ \$	1 1	1 1	i i	m	1	-	4	2
Beckley	‡ 1 1	39	5	!	1	1	11	40 40	9	7	99
Brantley	1	14	‡ 9 1		1	1 1	1	1	1	† †	14
Brooks	1	120	2	2	7	1	37	1 1	7	13	176
Bryan	00 00 mm	11	1 1	!	1 1	\$ \$ \$	4	1	1 1	~	16
Bulloch		174	1	t 1	1	1	1 1	1	4	39	218
Burke	!!!	68	7	1 1 1	7	1 1	108	!	6	23	217
Butts	1 1	2	1 1	1 1	!!!	1	6	## contracts	\$ \$ \$	1	5
Calhoun:	1	31	9	! !	!	1	13	1	2	46	95
Camden	1 1	1 1 1	1	1 1	!	1 1 5	1	1	1	!	1 1

See footnotes at end of table.

See footnotes at end of table.

	Other: Total			5		-	2		\$ 1 1 2 4	10		4	31 54	2	11 18	1 1 1	178	24 148		9		89	40 117				COT			
	Wheat :			-	1 1	!	1	1 1	1 1	1 1	1 1	-	pred.	1 1	1 1 1	1 1	7	1 1	1 1	!	.!	-	m	1 1	1		+ : 1	2	ı Ç	
sted	Sugar- : beets :			-	1	:	1	1	1 1	1 1	!	1	1 1	1	1	1 1	1	1	1	1		1	1 1		1	1	1 1	9 8	1	
Estimated Plant Residue From Harvested	Soybeans:			† i i	!!!	i	1	7	9 8	m	‡ !	m	m	1 1 2	1	1 1	2	80	-	14	2	Э	16	1	1 1	11	8	6	28	
Residue	Rice	ons		8 8	1 1	1		1	1	1		1 1	‡ ! !	1	† † †	1 1	1	1 1	1	1 1 1	1 1	 	1	1	1	ł I I	1	9	1	
ted Plant	Oats	000 Tons-		1 1	!	!!	1	1 1 1	1 1	1 1	1	1 1	1 1	1 1	† 1 1	1	<b>~</b>	7	1 1 1	90 sq. ma	1 1		7	\$ \$ \$	1	7	1	1 1	~	
Estimat	Grain :			\$ 3 \$	1 1	1 1		1 1	1	!	l !	! ; !	<b>~</b>	1	1 1	1 1 1	1 1	-	1 1	1 1	1 1	1 1	1		1 1	7	1	-	1 1	
	Cotton	1 5 8 8 9		1	1 1	1	1 1	!	!	1 1 1	î Î	1 (	7	3 6 2	1	; [	\$ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	9	‡ 1 1	‡ 	!!!	) )	m	1 1	400 400 400	1	the same sale	m	28	
	Corn	8 8 6 9		58	9	<b>.</b>	7	7	) ( )	` •	<b>-1</b>		10	7 (	٥	1 1 1	1/4	108 3	7 (	69	_ (		54	1	m	117	!	65	20	4 4
	Barley :	8 0 8 8		1	# # #	1	1	!	t t	ł (	1 B	   .	\$   8   8	!	\$   8   10		1			: !	99 401 100	‡ }	1 1 3	1 1	!!!	!	ŧ !	1 5	1 1	
	State and County :		GeorgiaContinued :	Candler	Carroll	Catoosa	Charlton	Chartahooohoo	Chartoogs	Cherokee	Clarke		Clayton	40417	Copp	* * * * * * * * * * * * * * * * * * *	Colonitt	Columbia	A			Ctawtord	Crisp	Dade	Dawson	Decatur	Dekalb	Dodge	Dooly	The same of the last of the la

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

	oo io				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	ested			
	State and County :	Barley :	Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other 1/	Total
			8 8 8			000	-000 Tons					
. Š	GeorgiaContinued:											
	Early	1	94	-	ന	7	1	6	1	m	80	191
	Echolsi	1 1	6	1	1	!	1	!	1	l i t	!	6
	Effingham	1	33	-	1 1	1	!	15	1 1	1	2	50
	Elbert	!!!	7	7	7	:	1	9		1	‡ ! !	12
	Emanuel:	1	96	1 1	1 1	i i	1	17	* *	2	6	124
	Evans	1 1	37	1 1	1 1	1	1	10	1	~	٦	49 .
	Fannin	*	2	9 9	1	1 1	1 1 2	9 9	8 6 8	## ep ep	1 1	2
	Fayette		2	1 1	!	1	1 1	2	1	\$ 1 8	1	4
	Floyd	-	9	7	1 1	1 1	1	6	1	1	7	18
	Forsyth	1	7	1 1	1 1	1	1	1 1	1	1	1	e
-	Franklin	1 1	9		6 0 0 8	1	1 1	9	1	7	t t	13
16	Fulton:	1		1 1	1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 mg	2	1 1		l t	2
; -	Gilmer	-	2	1	1	ŧ ŧ	1	1 9	1	1	1 1	2
	Glascock	1	10	-	1	1 1	10 mg	e	! !	7	4	19
	Glynn	1 1	1.	1		1	1	1 1	1 1	1	1 1	41
	Gordon	1.	4	B	\$ \$ 1	1	1	16	1	1	1 1	21
	Grady	# 1	121	1 1	1	2	-	89	1 1	1	21	152
	Greene	-	7	1 1	1	1	1	1 1	8	~	1 1	m
	Gwinnett	1	2	1 1 1	1 1	1 1	1	7	1	:	1 1	m
	Habersham	1	-	1 1		1	1	1 1	‡ 1 1	1	40 40	7
	Hall	-	2		1	1	1 1 1	10 00	1 1	1	8	e
	Hancock	I I	2	1	1	1	1	2	1 1	-	7	89
	Haralson	1	2	1 1	1 1	-	1	-	1	1 1	# 	m
	Harris			1	1	1.	1	-	1	1	1	2
	Hart	<b>H</b>	7	1 1	7	m	1	14	diff our cap	4	90	26
	Heard	\$ 2 1	4	1 1 1	!	1	1	1 1	1	† 1 1	1 1 1	4
	Henry	\$ 8 8	4	1	1 1	-	1	9	1	2	1 1	13
	Houston	2	24	~	\$ } †	9	1	37	1 1	14	14	98
	Irwin	1	111		1 1	1	1 1	5	1 1	\$ 8 8	41	158
See	See footnotes at end of	f table.									Cont	Continued
											)	7

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975 -- Cont.

				Estim	ated Plan	E Residue	Estimated Plant Residue From Harvested	sted			
State and County	Barley	: Corn	: Cotton	Grain sorghum	: Oats	n Rice	Soybeans	Sugar- beets	: Wheat	Other:	Total
					000	-000 Tons					
GeorgiaContinued	••										
Jackson	1	-	1	1	1 1	1 9 1	٣	1	-	1 1	5
Jasper	-	7	1 1	1 1	9 9	-	1	1	1 1	1 2 1	7
Jeff Davis	1 1	72	!!	1 1	i i t	t 1	4	1 1	6 8 6	-	77
Jefferson	m	27	m	!	9	1	34	8 8	16	15	104
Jenkins ,	1	1	!	! !	1	1 1	22	1	4	10	37
Johnson	!	47	7	!	# # #	1 1	9	1	m	3	. 09
Jones	1	<b>.</b>	!	1 1	1	1	i i	1	1	1 1	1
Lamar	-	m	1		1 1	1 1	1	1	1	!!!	2
Lanier	!	31	1 1	† † †	m	1	7	1	1 1	!	33
Laurens	1	156	2	7	9	1	28	1	6	22	221
Lee	-	75	1	. 7	1	1	6	1	7	43	137
Liberty	1	<b>m</b>	1 1	1 1	1	!	1 1	1 1	1 1	1 1	٣
Lincoln		2	t 1	1	1	!	1	1	1	8 1	7
Long	!	7	1	1	-	1	1	1	† !	1 t	7
Lowndes	1	. 95	8	1		1 1	9	1 1	1	2	103
Lumpkin		9	1	1	1 1	1	1 1	1	1	1	9
Macon	1 1 2000	39	7	1 1	S	1	34	1 1	6	16	104
Madison	!	9	1	1	2	1	12	1	m	1 1	21
Marion	1	10	1	00 00 mm	-	1	1	1 1	ä	7	19
McDuffy	-	7	1	1	1	1	e	1	-	~	12
McIntosh	-	1	1 1	1 1	* *	9 6 5	1	1 1	ł ł	1 1	1
. Meriwether	-	11	1	1	!	1	4	1 1	1 1	20 Gr 48	15
Miller	-	19	8 2 3	7	-	!	6	1 1		54	145
Mitchell	-	148	1	-	4	1 1	8	i i i	1	25	220
Monroe	-	m	1 1	1	1	\$ 1	1	1 1	1 1	7	4
Montgomery	1	44	-	1		!	2	1 1	!!!	4	53
Morgan	1	7	7	1	7	1 1	4	\$ \$ 1	1	1 1 1	15
Murray	-	4	1	1	1	1	9	1 1	-	\$ 1 1	11
Muscogee	!	9 9	1 1	1 1 1	1 1 1	1 1 3	1 1	1 1	\$ 8 8	1	1 2 2
See footnotes at end of table.	d of tabl	•								3	Continued

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

					-						
				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
state and county :	Barley :	Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other:	Total
GeorgiaContinued:	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Tons	ons	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1	!
	į	<					,				
Oconee		r ~	}	# 1 }	1 1	1 1	-	1 1 1	-	1	9
Oglethorpe		<b>⊣</b> ເ	<b>→</b>	1 1 1	1 1	-	6	1 1 2	4	1	15
	1 5	7	1 1 1 1	1 1	<b>~</b>	\$ 2 2	9	1 1	7	1	10
Faulding	\$ \$ 1		1 1	1 1	1 1	\$ 8 9	1 1	1	1	1 1	-
Peach		<b>∞</b> .	1	1	9	1	23	1 1	7	2	46
Pickens	<u> </u>	-	1 1	1	!!!	-	1 1	1 1	!!	1 1	!!!
Pierce	1 8 8	86	1 1	1 1	~	\$ 1 1	4	1	1 2	1	91
Pike	1 6 2	m	1	1 5 6	7	1	9	1	7	1	12
Polk	1 1	<b>H</b>	1 1	1	1	1	51	1 1	-	1 1	53
Pulaski	1 1	42	5	ŧ !	1	92 90 00	13	1	3	25	68
Putnam	1 1	7	i i	1 1 1	1 1	1	1 1	8 8	1 1	1	2
Quitman	;	2	!!	3 8	1	1	1 1	8	1 1	4	6
Rabun	8 8	е	1	1 1	1 1	1 1	1	1	1	1	m
Randolph		51	2	-	1	1	16	1	8	47	120
Richmond	1 1	7	1 1	and and con	1	1 8 9	89	1	1	2	18
Rockdale	1	7	1	-	1	1 1	1	-	1 1	1 1	7
Schley	1	20	1	1	1 1	1 1	4	1	=	6	34
Screven	1 -	87	2	1 1	7	1	09	1	2	14	166
Seminole	1	58	1 1	-	<u>ب</u>	1 1	83	1 1	7	37	109
Spalding	1	۲,		!	1 1	!!!	4	1	2	1 1	8
Stephens	800 wo ga	~	1	1 1	1 1	1	1	1	!		2.
Stewart	* *	12	1	1 1	-	1 1	٣	1	1	17	34
Sumter	8 8 6	09	2	7	S	1 1	28	1 1	83	٣	108
Talbot	1 1	2	1 1	8 8	1	1	~	1	1	4	7
Taliaferro	8 8	1 1	1 1	-	1	1 1	† ! !	!	1	1 1	1
Tattnall	(	110	1	1 1	1	1	16	1 1	7	4	141
Taylor	1	18	~	3 1	-	1 1	13	1	3	5	40
Telfair	1	44	\$ 0 \$ \$	<b>-</b> → •	1	1	9	†  -	3	11	65
Terrell	1 1	75	2	<b>→</b>	7	1 1	83	9 3 5	4	52	143

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
state and county :	Barley :	Corm	: Cotton :	Grain :	Oats	Rice	Soybeans	Sugar- beets	. Wheat	Other:	Total
••											
••		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Tons	Tons		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
. 16	,										
GeorgiaContinued :	•										
Thomas	i	82	1	1	2	B B B	27	1 1	1 1	12	123
Tift	1	78	1	# #	-	1 1	7	i	1 1	33	118
Toombs	-	78	1 1 1		7	8 8 3	9	1 1	7	S	92
Towns	1	7	1 1	1	1	1	1 1	1 1	1	1 1	7
Treutlen	1	30	1 1 1	*	1	90 on oil	7	!	1	1 2 3	31
Troup	1 1	7	E E E	1	1	1 1	1 1	1 1	1	1	~
Turner	1 1 1	53	e	4 2	;	1	7	1 1	!	51	114
Twiggs	3 8	19	1	1	1	1	7	1	1	8	25
Union	1	5	1 1 1	1	!!	1 1	1 1	1		1 1	2
upson	:	2	1 1 1	1 1	1 1 1	;	<b>-</b>	1	-	1 1	4
walker	1.	4	3 6 8	1.	i i	1 1	m	å 1 t	1	1 2	7
walton	!	m	7	1	1 1	1	13	1 1	-	1 1	19
ware	1	41	1 1	-	i i i	1	2	1 1		1	43
warren		=	7	1	-	1	9	1	2	-	22
washington	1 6	41	7	7	~	1	17	1	80	L	11
wayne	!	99	1 1 1	1 1 1	-	\$ \$	2	!	-	1 1	69
webster	!	19	! !	1	1	1	7	1 1	-	22	43
Widelet	3 1 5	٦,		-	-	1	6	-	<b>.</b>	4	52
Witten Co.	ŧ ŧ	7	1 1	1 3	1	1 1	1 1 3	1	1	1	2
will con	1 1 2	7	1	-	i t	† •	ഗ	1	1 1	1 1	83
Wilcox	1 1	39	7	7	!	1	2	9 6	~	1 1 1	47
Wilkes	-	7	1	1 1	1	1 1	7	1 1 1	~	1	2
Wilkinson	\$ \$ \$	19	1 1	1.	1	1	2	1 1	!	1	21
WOLER	1 '	109	-	. 7	7	1.	6	† 1 1	1	† † †	123
Unallocated 2/	4 (	75	9	11	12	1	15	1 1	8	156	274
State total	F3	4719	4719	47	6	1 1	1125	1	202	1385	7695

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

	State and County				Estima	ited Plant	Residue	Estimated Plant Residue From Harvested	sted				
,		Barley :	Corn	: : Cotton :	Grain sorghum	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other;	Total	
		9 9				000 Tons-	Pons				77		
H	Idaho												
	Ada	15	89	}	1 1	2	. 1	† 3 8	m	27	_	7,6	
	Adams	-	1	1 1	1 1 1	1	!	1	; ;	; ~	4 1	۶ ۳	
	Bannock	44	\$ 1 1	!	1 1	7	1	1	7	87	!	134	
	Bearlake	22	1 -	!!!	1 1	7	1	-	# #	22	1	45	
	Benewah	10	!	1	1 2	m	1 1		1	19	1	74	
	Bingham	SP.		1 1	1 1	4	1 1	1 1	19	331	-	441	
	Blathe	11	!	† † i	!!!	7	† 	1	4	15	1	32	
	DOLUM POLICE	1		1	†	<b>-</b>	1	-	1	!	1 1	7	
	Domest 110		-4	} 	1	7	1	1 1	1 !	7	† 1	4	
• 2	Boundary	7 6	*	8 :	1 1	7 1		00 00 00 00 00 00 00 00 00 00 00 00 00	89	191	į	293	
0	Butte	25 25			\$ 1 8 1	Ω (	!	1 1	1 8 1	37	8 8	99	
_	a wear	16				77	1 1	\$ \$ \$	1	22	† † 1	50	
	Canvon	75	23		l :	1	1	1 1 1	1 1	8	1	24	
	Caribon	176	7 1			<b>n</b> (	1	1 1 1	134	104	16	355	
	Cassia	109	4		] <u>1</u>	n -	1 1	1 1	1 1	51	1 1	230	
	Clark	9	)	1	\$ \$ \$	-1 <u>-</u> -	1 !	1 1	40	173	43	371	
	Clearwater:	8	1	1	1 1			1 1 1	1 1 1	91	2 20	23	
	Custer	89	ł	1	1 1	1 -	1 1	i 1	1 1	70	!	29	
	Elmore	28	2	1 1	1 4	ı —	1 1	1	10	47	10	. 12	
	Franklin	51	\$ \$	1 1	1 1 1	1 1	1 6	9 4	9	44	)   	101	
	Fremont	59	1 (	1 1	1 (	7	# 1	!	\$ \$ 2	71	1 1	132	
	Cem	٥ و	7 :	!	t 1	7	1 1	6 4 4	-	8	;	1.7	
	Cooding	J	1/	1	1 1	2	1	1	5	29	7	69	
	1dano	40.4	1 -	1	1	თ -	!	1	1 1	165	1	222	
	Towns and Towns	21.0	۲,	1	1	י ניי	\$ 1	100	٣	68	1 1	138	
	Kootenai	34	<b>→</b> !	8	8	~- <u>.</u> (	-	!!!	10	91	42	186	
		01			1 1	n	100	1	1	57	1 1	78	
Se	See footnotes at end of table.	table.											

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

State and County :			•	Estina	ted Plant	Residue	Estimated Plant Residue From Harvested	ssted			
1	Barley :	Corm	: Cotton	Grain	i Oats	Rice	Soybeans:	Sugar- beets	. Wheat	Other;	Total
					000	-000 Tons		9 3 3 8 8			
IdahoContinued:											
Latah	81	1 1	-	\$ 2 3	4	1 1	!!	1 1 1	310	Î	395
Lemhi	5	1	!	1 1	2	1	1	†	9	1	10
Lewis	20	1 1	1 1	1 1	2	1	1 1	1	166	1 1	218
Lincoln	16	~	1	ŧ 1	1	8 8	1 1	2	34	1 1	57
Madison	88	1	1	!	9	1	1 1	8	19	1	173
Minidoka	10	1 1	!	. !	1	1	1 1	61	122	1 1	194
Nez Perce	t 1 1	1	!!!	1 1 1	7	1	1	1 1	239	15	255
Oneida	99	1 1	1 1 1	1 1	7	1	1	1 1 1	87	1 1	144
Owyhee	38	11	!	1	1	1 1	1	23	302	1 1	375
Payette	7	က	1	1	-	1	100	10	21	2	47
Power	41	1 1	1 1	1 1	1	!	1	19	1 1	\$ \$ \$	09
Shoshone	1 1	1 1 1	!	1 1	1	-	1 1	1 1	1 1 1	1 1	1 1
Teton	47	1	!	1	1	1	-	1	23	!	71
Twin Falls	44	21	ap 04 ap	1 . 1	m	1	1	38	136	110	352
valley	1 2	1 1	‡ 1 3	1 1	4	1	1	1	7	!!!	7
Washington	15	2	!	\$ 8	en	1 1	1	6	39	1 1	71
Unallocated 2/	153	3	1	1	1 1	-	1 1	7	1	1	157
State total:	1676	115	1 1	- !	83	1 1	1 1	412	3333	250	5869
	-	497		-	•		133		2.4		210
Alexander	1 1	32	1 1	•	<b>7</b> 1	1 1	23	1	96	1 1	83
Bond	1	214	8 2 2	វា	1	1 1	20	1 1	73	1	360
Boone		347	1	1	10	1	20	1	4	‡ 	411
Brown	1 1	188	1 1	1 1	-	1	32	1 1	20	į	241
Bureau	1 1	1400	1	1	20	1 1	171	1 1	6	† 	1600
Calhoun	}	110	!	1 1	1	1	. 12	1	10	1 1	133
Carroll	1 1	614	1 1	-	31	1	14	1 8	5	1 1	664
Cass	1	447	1 1	2	9	1 1	72	1	30	1 8	554

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County	Barley :	Corn	: Cotton :	Grain : sorghum :	oats :	Rice	Soybeans	Sugar-	Wheat:	Other:	Total
					000						
IllinoisContinued ;					200						
Champaign		1712	† 1 1	;	6	1 1	326	1 1	64	7	2112
Christian	!	981		1	4	1	233	     	64	-	1284
Clark		339	\$ \$ \$	-1	-	3 3	114	1 1	54	8 00 00 00 00 00 00 00 00 00 00 00 00 00	\$209
Clay		185	1 1	2	-	1 1	97	1	41	-	330
Clinton	 	183	1	4	2	1	98	1 1	88	1	364
Coles	1	199	1	!	2	1	124	†	44	8 8	696
Cook		80	l !	1	m	1 1	27	1 1	6	ă ă	119
Crawford	!	282	}	ന	97 03 MB	1 1	98	\$ 2	48	1 1	419
Cumberland	†	193	i 1 1	٦	-	1	69	1 1 1	32	8 8	296
DeKalb	1	066	1 1 1	1	14	!	162	440 day 600	11	!	1177
DeWitt	!	737	1	1 1	3	1 1 1	130	1000	7	!	877
Douglas	1	810	t 1 1	1 1	9	1	121	1	23	1	096
. DuPage	1 1	95	\$ \$ 8	 	m	1	20	1 1	11	1	129
Edgar	1 1	834	1 1	1 1	S	1 1	167	**	36	1 1	1042
Edwards	1	188	1	m	t !	1	43	1	30	1 1	264
Effingham	1 1	375	9 0	1		1	66	† 1 1	79	8 9	556
Fayette	1 1	314	1	2	2	1	86	1	107	1 1	523
Ford	1 1	763	i i	3 0 0	8	8	163	1 1	89	1 1	942
Franklin	1 1	130	1 1	4	. 1	1	69	1	38	1 2 1	237
Fulton	1 1 1	795	\$ 5 6	1 1	ထ	1	125	1 1	32	  -  -	096
Gallatin	1 1	274	1	1	1 1	1	58	1 !	35	1 1	368
Greene		477	1 1	# #	-	1	101	1	09	1 1	639
Grundy	† †	544	1 2 5	f t	4	1	104	1	5	1 1	657
Hamilton	1 1	168	1	4	1 1		103	1	45	1 1	320.
Hancock	!	726	1	1 1	9	1 2	155	9 00	33	† †	920
Hardin	!!!	18		1 1	1 1		-	1 1 1		1 1	19
Henderson	!	534	1 1	1 1	6	1	20	1	10	1	603
Henry	٦:	1368	1 1	1 1 1 1	42	1 1	110	1 1	М	1 !	1524
Iroquois	1	1612	1 1 1	7	13	1	344		32	1 1	2002

Appendix Table 1. -- Estimated Crop Residues By States and Countles, 1975 -- Cont.

	Total			227	525	301	353	391	99	694	1131	507	1077	121	1996	353	1164	2043	1431	1198	1027	580	406	733	668	113	1083	661	2586	575	937	278
	Other 1			-	1	-	1	1	1	The spin sale	7	\$ 1 2	1	1	: :::	7	!	1 1	1 1	1	1 1	-	1	† 1 1	1 1	89	1 1	1 1	1 1	1 1	1	
	Wheat :			55	59	65	~	46	4	21	50	14	11	25	8	54	19	13	23	34	66	163	88	4	89	10	89	22	13	19	11	100
sted	Sugar-			1 1	2 1	1 0 2	1	-	1	1 1 1	!!!	1 1	1 1	1 1	!	1 1	-	1 1	1	1	1 1	1		1	1 1	\$ \$	1 1	6 1 1	1	1 1	1	1 1 2
Estimated Plant Residue From Harvested	Soybeans			75	129	87	89	61	9	75	157	69	95	19	328	43	. 145	379	195	161	189	127	66	72	112	17	132	41	383	95	19	46
Residue	Rice	ons		1 1	1	-	1 1	1 1	1 1	1 1	1 1	1	1 1	!	1 1		1 1	1	1	1 1	1 1 1	1 1	1 1	1	1	1	1	1 1	1		1 1	!
ed Plant	Oats	000 Tons		† !	-	1 1	21	1 1	1	14	=	9	14	æi	16	٦,	15	16	13	7	7	_	7	7	m	1	7	18	12	~	13	2
Estimat	Grain i			7	4	e	7	1 1	4	-	1 1	t 1	.! !	!	!	7	-	1.	1	\$ 8 8	1	4	2	!	* **	m	1	1	1	-	. [	4
	Cotton	3 3 3		\$ !	1	\$ 8	1	1 1	1 .	!	1	!	!	!	!	!!!	1 1	1 1	1	1 1	-	† †	# CO UN	1 1	1	1	1	1	!	!	!	1
	Corn	1		95	332	146	321	284	52	584	912	418	957	99	1644	254	985	1635	1200	971	736	283	222	650	716	75	936	578	2178	460	852	125
	Barley :	1 2 3 4 1		ŧ •	1 1	!!!	1 1	1	1 1 1	1	1 1	1 2 2	1 1	-	1	1 1 1	100	† E 8	1 1	1 1	1 1	<del>-</del>	† †	1	\$ \$ 1	1	Many most supp	7	1 1 1	1	1	1
00 00	State and County :	***	IllinoisContinued :	Jackson	Jasper	Jefferson	Jersey	Jo Daviess	Johnson	Kane	Kankakee	Kendall	Knox	Lake	Laballe	Lawrence	Lee	Livingston	Logan	Macon	Macoupin	Madison	Marion	Marshall	Mason	Massac	McDonough	McHenry	McLean	Menara	Mercer	Montroe

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

							narage trail narkestea				
	Barley :	Corn	: Cotton :	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat	Other 1/	Total
					000 Tons-	suo					
IllinoisContinued:											
Montgomery:	-	555	1	-	æ,	1 8	157	1 1	66	1 1	815
Morgan	1 1	554	60 90 00	1 1	4	1 1	112	8	51	1 1	721
Moultrie:	1 2 3	580	ł	8 8	2	1 1 1	94	1 1	21	1	700
ogle	1 1	1049	9 8	2	34	1 1	85	1	26	7	1197
Peoria	† † †	899	1 1	1 1	89	† † 1	81	1 1	23	1 1	780
Perry	;	87	1 1	m	1	1 1	47	1	34	} }	172
Piatt:	1	1056		l l	e	1	152	1	12	1	1223
Pike	t t i	525	;	7	9	1	88	1	43	1 1	664
Pope	1 1	1	1	1	!!	1	1 1	1 1 1	1	1 1	1 1
Pulaski	1	28	1 1 1	ιΩ	1	1	19	1	15	1	19
Putnam	1 1	227	1	!	m	1 1	28	1 1	4	!	262
Randolph	-	205	1	4	. 7	1	72	1 1	93	1 1	377
Richland	1	195	1 1	2	1	1	65	1	32	} !	294
Rock Island	1 1 1	344	:	1 5	o,	!	31	1	4	t !	388
St. Clair	-	296	1 1	3	Т	1 1	143	‡   	150	l t	594
Saline	1	145	1	7	1 4	-	27	1	33	1 1	206
Sangamon	1 1	1146	!!	1	9	1	220	1 1	58	1	1431
Schuyler	1 1 1	327	1 i 1	1	~	1	89	1	31	1	427
Scott	1 1	271	\$ 3 1	1 1	7	1 1	48	1	19	-	340
Shelby	20 60 60 60	851	1	-	2	\$ 1 3	163	i i	11	1	1094
Stark	8 8	497	!	1 1	9	1 1	99	1	٣	1 1	562
Stephenson	1 1	761	1 1	-	28	1 1 1	26	1 1	. 10		825
Tazewell	1	1000	1 1	1 1	N.	i i	119	90 . 60 . 60 . 60 .	60	2	1155
Union	ţ i i	51	1 1	2	Z.	1	22	1	12	1	92
Vermilion	1 1	1203	!	1 1	!	1 1	223	!	99	1	1492
Wabash	\	185	8 9	t t	1 1	!	24	1 1	27	1	236
Warren	i i	951	t 8 1	1 1	13	‡ i	114	1	ന	# # #	1081
Washington	!	201	1 1	6	~	1	124	1 1	115	1 1 1	450
Wayne	1 1	250	1 1	m	-	1	113	1	66	1	466

Appendix Table 1 .- - Estimated Crop Residues By States and Counties, 1975 -- Cont.

	Total			496	1251	733	99	250	1105	32	71665	322	546	303	801	154	638	11	749	649	100	319	961	21	455	49	421	262	479	293
	Other;			000000000000000000000000000000000000000	1	.	1 1	8 3 5	1 1	11	30	1 1	1 1	1	1 1	1 1	1	1	1	1 1	1 1	1	1 1 1	1	\$ 8 3	1 1	1	1 1	\$ 1 1	1 1
	Wheat :			65	11	48	83	89	11	8 8 1	3745	70	107	53	41	17	43	1 1	57	74	15	25	47	4	48	5	29	41	77	24
ted	Sugar-; beets;			1 1	# = = = = = = = = = = = = = = = = = = =	1	1 1	1,	1 1 1	1 2 1	1	1 1	1 1	1 1 1	1 1	i 1 1	1 1	1 1	1	!!!	1 1	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1 1 1
Estimated Plant Residue From Harvested	Soybeans:			107	87	133	12	31	138	19	10418	9	000	3.5	119	30	85	7	77	71	17	57	94	2	35	9	42	41	72	12
Residue	Rice	ons			1 1	1	1	1 1	1	3 6 3	1	1	1	1 2	1	1	1	1	\$ 8 9	1	1	1	1 1	1 1	1	!	1	1	1 1	1
ed Plant	Oats :	000 Tons-	٠	1 1	24	14	1 1	16	9	<b>E</b>	635	10	10	3 -	9	4	4	1	2	S	1	1	4	1	7	2	7	8	9	7
Estimate	Grain 's			e	l ! 1	1 1	4	\$ 9 1	1 1	4	114	1 1	1	: 0 	1	* *	1 1	1 1	1	1	1 1	1 1	1	1	E	\$ ! !	1 1	1 1	4	7
	Cotton:			1	i i	!!!	!	1 1	‡ ‡ 3	!!!	1	!	1	1 1	1 1	1 1	[ ] ]	1	1 1	\$ \$ \$	1	† 1 8	9 1 1	!	1 1 1	1 1	1 1 1	!	1	
	Corn :			321	1129	538	36	494	950	~	56701	182	321	214	635	103	506	10	609	499	67	236	651	15	368	36	347	172	320	252
	Barley:	3 8 9 9 9		† † †	1	1 1 1 1	!	7	!!!	11	22	1 1	1	1	1 1	\$ 3 8	1	1	:	\$ 8 8	٦	1 1	1 1	‡ ‡	1 1	1	7	!!	1 1	7
	State and County :		IllinoisContinued:	White	Whiteside	Will	Williamson	Winnebago	Woodford	Unallocated 2/:	State total;	Adams		Bartholomew	Benton	Blackford	Boone	Brown	Carroll	Cass	Clark	Clay	Clinton	Crawford	Daviess	Dearborn	Decatur	DeKalb	Delaware	Dubois

Continued ---

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975--Cont.

				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley:	Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other 1/	Total
	1	8 8	0 0 0 0 0		000 Tons	Tons					
IndianaContinued *											
Eckhart	1	300	3 8	E E	7	1	40	1	69	-	417
Fayette	1	131	1	1 1	en	1	21	1 1 5	24	1 1 1	179
Floyd	1 1	10	90 90 00 00	1 1			7		2	]   	13
Fountain	1	386	1 1	1 1	2	1 1	69	1 1	37	1	497
Franklin	!	158	!		e	1	19	1	16	1 1	196
Fulton		306	1	1	m	1 1	47	1	39	!!!	396
Gibson	!	536	† [	1 1	1	1 1	09	1 1	64	† †	099
Grant		312	1	1 1 1	m	1	16	1 1	42	† !	448
Greene	1 1	242	1	1 5 1	-	1	31	1 1	18	1 1	292
Hamilton	1	383	1 1	1 1	5	1	75	1	64	1 1 1	527
Hancock		273	1	1	e	1	99	 	32	ļ ļ	374
Harrison	4.	54	1	7	9	1	89	1	27	2	100
Hendricks		286	1 1	-	S	1	7.1	1	45	1	407
Henry		282	-	1 1	4	1	64		39	1 1	389
Howard	1	391	!	1	. 2	1 1	78	1 1	40	1 1	511
Huntington	1	234	1 1		9	!!	84	1 1	54	1 1	378
Jackson	1	217	1	1 1	1	1 1	25	1 1	30	1.	273
Jasper	1	731	!!!	1	e	1	94	1 1 5	22	1 1	850
Јау	1	157	i i	9 9	13	i i	72	1 1	62	1 1	304
Jefferson	<del>-</del>	1	1 1 1	1 1	<b>1</b>	1	17	1	7	!	26
Jennings	1	118	# # # #	\$ 0.00 0.00 1.00 0.00 0.00 0.00 0.00 0.00	-	de de de	21	1 1	15		155
Johnson	1	260	1 1 1	! !	1	1	36	 	41	1	338
Knox	1 .	647	9 9	2	1		55	1 1	59	7	795
Kasciusko	1	444	1 1 1	1 1	4	1 1	09	1 1	72	1	581
La Grange	1 1	259	## ### ### ### ### ### ### ### ### ###	7	6	1	19	1 1	52	1 1	340
Lake	1	301	1	1 *	9	9 9	40	1 1	38		385
La Porte	-	522	8	49 449 MB	9	1 1	64	! !	09	1 1	652
Lawrence	1	82	1 1	1	7	1 1	9	9 9	12	1 1	101
Madison		421	1	1	4	1 1	85	1 1	19	1 1	577

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

Barley   Corn   Cotton   Grain   Oats   Rica   Soybeans  Beets   Meat   Other					Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted	•		
1	State and County	Barley	Corn		Grain sorghum			: :Soybeans:		Wheat		Total
100   100						000	Tons					8
107   107	IndianaContinued											
r         345          3          43          37         1           r         33          6         66          50          2          2          2          2          2          2          2          2          2          2          2          2          2          2          2          2          2          2          1         1         4          4          4          4          4          1         1         1         4          4          4          4          1         1         1          1         1          4          1         1          4          1         1          1         1          1         1          1         1	Marion		107	1	1 1	1	1	30	1 1	21	!	159
mery         1         73          1          6          6          6           6 <t< td=""><td>Marshall</td><td>1</td><td>345</td><td>!</td><td>1</td><td>m</td><td>1 1</td><td>43</td><td>1 1</td><td>37</td><td>7</td><td>429</td></t<>	Marshall	1	345	!	1	m	1 1	43	1 1	37	7	429
3         397	Martin		73	1 1	1 1 1	1	!	1	1 1 1	9	1 1 5	80
15	Miami	1 1 1	397	!!!	1	9	!!!	99	1 1	20	1	519
656          656          91          556          25          25          25          25          25          25          25          25          25          16          44         1          44         1          44         1          45          45          44         1          44         1          44         1          44         1          44         1          44         1          44         1          44         1          1          44         1         1          1          1         1          1          1          1         1          1          1         1          1         1          1         1          1         1          1         1          1	Monroe	1 1 1	35	1 1 1	#1 mm and	1	1 1	4	1	2	1	42
1         200          3          29          16         11         16         11         1         16         11         1	Montgomery		959	1 1	1.1.	89	\$ \$	16	1	99	\$ \$ \$	811
nn         i         600          4          69          16         1           i          263          4          44         1           i          263          1          44         1           i          290          2          48          10           i          290          2          48          11           i          290          2          48          10           ir          291           44          11           ir          293          6          44          10           ir          293          44          11            ir          293          44          10            ir          293 <th< td=""><td>Morgan</td><td>1 1</td><td>200</td><td>1 1</td><td>1 1 1</td><td>e</td><td>1 1</td><td>29</td><td>t 1</td><td>25</td><td>1 1</td><td>257</td></th<>	Morgan	1 1	200	1 1	1 1 1	e	1 1	29	t 1	25	1 1	257
i         263          263          44         1           i         1         80          1          1         1           i         1         80          2          16          11            i         1         290          2          48          10          11          11          10          11          11          10	Newton	1 1	009	. !	1	4	1	69	;	16	-	069
1	Noble		263	1	1	7	1	30	} } }	44	-	345
He   He   He   He   He   He   He   He	Ohio		13	1	-	1 1	1	-	1 1 2	1	1	15
1         79          2          48          10            1          290          48          50         1           1          154          16          10          1	Orange	. 1	80	1	1 1	1	1 1	8	1 4 2	11	1 1 1	101
1     290      48      50     1       1      154      10      10        1      293      18      17       2     293      6      44      17       1      1      56      94       2     375      1      44        3      3      44        4      3      44        9      10      34        1      10      44        1      10      34        1      10      44        1      10      31      44       1      10      31      34       1      1     1      31      34       1      1     1      31      34       1<	Owen		19	1	1	2	1 1	16	1 1	10	1	107
i     40      1      18      10        i      293       44      44      44       i      375      1      56      94        i      480      3      94      94       n      317      35      94        n      317      35      94        n      104      100      94        eph      1     3      9        eph      1     3      9        eph      1     3      9        eph      1     3      9        eph      2      9      9       eph      2      9      9       eph      2      9      1       eph	Parke	1 1	290	1	2	2	1	48	3 2 5	20	-	393
i      154      17        293       44      44        375      1      56      94        375      3      56      94        375      3      45      94        317      3      45      94        317      3      45      94        317      10      100      94        80      10      10      94        80      1     3      9      9       80      1     3      9      9       80      1      2      9      14       80      1      2      9      14        80      1      2      1      1<	Perry	1	40	1	1	1	3 8	5	1 1	10	9 2 9	26
i       293        44        44        44        44        35        94 <td< td=""><td>Pike</td><td></td><td>154</td><td>1</td><td></td><td></td><td>-</td><td>18</td><td>1 1</td><td>17</td><td>9 9</td><td>189</td></td<>	Pike		154	1			-	18	1 1	17	9 9	189
375      1      3      94        480      3      45      35        317      3      44      35        50      10      100      87        60      10      24      87        80      3      31      89        80      1     3      9      9       80       9      9      9       80       2      9      14        80       9      14        80      2      9      14        80      2      9      16        80      1      2      2      14       80      1      1      2	Porter		293	1	1	9	1	44	1 1	44		387
i      480       j17      3       i      31       i      100       j17      45       i      100       j17      44       j17      44       j17      44       j104      2       j104      2       j104      31       j104      31       j104      31       j105      31       j106      31       j11      31       j11      39       j11 <t< td=""><td>Posey</td><td></td><td>375</td><td>1 1</td><td>~</td><td>* *</td><td>1</td><td>99</td><td>1 2 1</td><td>94</td><td>1</td><td>526</td></t<>	Posey		375	1 1	~	* *	1	99	1 2 1	94	1	526
h	Pulaski	1	480	1	1	3	1	11	1	35	1 1	265
h 1 273	Putnam	1	317	1 1	40 44 40	9	1	45	1 1	44	1	409
eph     31      24        seph      31      58        seph      274      14      51     1       seph      274      14      51     1       seph      39      51     1       seph      9      51     1       seph      9      14        seph      2      9      14       seph      2      6      14       seph      2      6      14       seph      2      6      14       seph      2      2      16       seph      1	Randolph	1	273	1	***	10	1	100	1	87	\$ \$	470
eph : 388 3 81 58 51 1 1 3 89h 51 1 1 1 3 51 1 1 1 1 3 51 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ripley		104	1 1	1	2	1	31	-	. 24	1 1	161
eph: 274 1 3 39 51 1 1	Rush		388	-	1	3	1 1	81	1 1	58	1	530
40       9      14        392      2      67      66        161      2     1      29      29       162      2     1      29      29       17      1      27      16     1       18      6      12      25        18      1      42      57	St. Joseph	1 1 1	274	1	. 1	3	1 1	39	1 1	51	7	369
392      2      67      66        161      2     1      29      29        1      292      1      16     1       1      147      6      12      25       1      1      42      57	Scott	1	40	1 1	* * *	1 1	1	6	1	14	1 1	63
	Shelby		392	1 1	2 2 2	2	1 1	29	1 1	99	1	527
	Spencer	1 2	161	1	2	7		90	1	59	E #	245
	Starke	1	292	1	-	1	1	27	1	16	7	337
	Steuben		147	1 1		9		12	† † † † † † † † † † † † † † † † † † † †	25	1 1	190
	Sullivan	-	286		1	1 1	1 1	42	1 1 2	57	1 1	386

See footnotes at end of table.

Continued ---

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	: Barley:	: Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other 1/	Total
					000	-000 Tons					3 3 4 4 4
IndianaContinued:											
Switzerland	-	21	1 1	1 2	7	1 1	4	1 1	4	1	30
Tippecanoe	!	542	!!!	8 8 8	۳	1 1	94	1 1	68	1 1	707
Tipton	1	374	) 2 2 2	1	2	i i	29	1 1 1	45	1 1	488
Union	1	154	1 1	1	. 7	1 1	19	1 1	28	1	203
Vanderburgh	1	156		1 1	1 1	1 1	26	1 1	22	1 1	204
Vermillion	-	186	1	1 1	Т	1 1	28	1 1	23	1 1 1	238
	1 0 0	369	!	2	-	8 6 1	41	1	55	1	468
Wabash	<b>~</b> 1	385	1	1	9	1 1	68	t 1	69	1 1	529
Warren	1	154	1 1 1	1 1	7	1	81	1	49	1 1	286
Warrick	-	212	1	1 1	. !	death of the speed	27	ŧ 1	14	1	253
Washington	2	124	* *	7	m	1	10	1 3 1	29	!	169
Mayne		276	-	1	4	1	37	1	41	00 mg	358
		569	!	‡ ‡ ‡	7	1 1	88	1 1	75	1	439
White	1	, 623	!	1 8 8	9	1	129	1	47	1	805
Whitley	1	204	1 1	1 1	11	!	44	**	55	1 1	314
Unallocated 2/	5	!	1	† 1 1	\$ 3 1	1	1 1	1	1 1	7	4
State total	19	25181	8	32	312	9 9	4277	8 8	3580	15	33416
Iowa											
Adair	-	258	3 8	!	22	1 1	55	1 1 1	1 1	1 1	335
Adams	!	172	1 1	1 1	16	3 4	37	1 1	-	1 1	226
Allamakee	1 2 1	313	!!!	2 4 2	28	1 1	15	1	1	1 1	356
Appanoose	-	108	t i t	1	80	8	32	‡ 1	7	1 1	150
* Audubon	-	326	E	1	1.9	1	41	1 1	-	i	387
Benton	1	688	1	1	35	1	125	! !	7	\$ 	850
Black Hawk	-	009	-	1	18	1 1	102	* **	2	1 1	722
Boone	1	715	1 1	1 8 2	13	1	146	1 1	† !	1	874
Bremer	!	375	1 1	†	21	1 1	58	1 1	1	1 1	455
Buchanan	1	708	!	\$ 5 8	22	1	98	1 1	1	3 1 8	817

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

Estimated Plant Residue From Harvested	otton; Grain; Oats; Rice; Soybeans; beets; Wheat; Other; Total	000 Tons	1 8 158 1	29 163 1	13 175	24 99	70 1 1	1 29 93 1	123 6	24 101 1	70 8	1 12 132 1	41 8 1	31 79 1	1 42 1 1	6 6	32 3	25 1 25 1	31 1	9 9	2 43		100 1	10	16 16 1	7 3	10 10	17 119	18 61 1
ue From	1																				-	ř	<b>→</b> `		~ ;	┥`		4 =	•
nt Resid		O Tons	-	1 1	1	1	1	1	t	1 1			-		1	i	1		1	1 1				1				1 1	-
ated Pla	; s Oats	00	8	29	13	24	21	29	51	77	F 65	12	41	31	. 42	o (	•	<b>x</b> <	2	næ	43	, 4	2.5	01	16	7	100	17	18
Estim	Grain			1 1	1 1	æ	1.,	→	-	<b>→</b> !	~	-	1	1 1	-	1 7	<b>⊣</b> -			- 3	}	1	1	1 1	1	2		1	က
	: Cotton :		1 1	1 1 5	1	-	1	† ! 9 ! 1 !	) !	9 9	!	1 1	i i	1 1	-	! ] i ! i !		1	1 1	8 8	-	1 1	1	2 2	9 9	-	:	1 1	8
	Corn		169	650	564	540	200	561	628	396	103	568	580	922	590	250	115	704	452	360	481	432	9/9	398	749	349	658	683	342
	Barley :		# #	\$ 8 8	1	1 1	-   1   1	_	1 2	1		1 5 8	-	1	3 1	1 1 1		1	1 1		1		1 1	1	1	1 1	1	† !	1
	State and County :	: : IowaContinued	Buena Vista	Butler	Calhoun	Cass	Ceder	Cerro Gorda	Cherokee	Chickasaw	Clark	Clay	Clayton	CLIMEON	Dallas	Davis		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin	Fremont	Greene	Grundy	Guthrie

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

State and County				Estimat	ed Plan	t Residue	Estimated Plant Residue From Harvested	ested			
	Barley:	Corn	: Cotton	Grain sorghum	Oats	Rice	Soybeans:	Sugar-	. Wheat :	0	Total
00								- 1		77	
**	8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			000	.000 Tons		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
IowaContinued:											
Hamilton	1	761	1 1	1	6	1 1	157	ŧ	1 1 8	1	928
Hancock	\$ ? [	693	1 1	1	17	3	144	1	-	) j	0 7 7 0 0 7 10
Hardin	1	160	1 1	!	12	8	137	1 1	+	i \$	0.00
Harrison		267	1 1	3	25	1 1	96	1	13 +	: t 9 9	704
Henry	1	497	1	1	11	1	16	1 1	4	1	588
Howard	1 1	253	8 8	1 1 1	30	1	50	1	~	†    -  -	334
Humboldt	!!!	554	† 	1	10	1 1	133	1 1	1 1	1 1	697
Ida	1 1	524	1 2 3	1 1	25	1	59	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1	1 1	609
Towa	1	461	1 1	7	25	1	44	1	1	1 1	531
Jackson	1 8	492	1	1 1	32	delle aven diffe	6	1 1	1	1 1	533
	1 1	721	i i	1	27		85	1 1 1	7	!	834
	i i	280	1 1	1	12	the east of	65	1 1	S	1	362
Johnson	1	905	1	1	23		64	1 1	1	1	594
	1 1	625	8	1 8	35	1	46	1	1	1	707
Keokuk	!	551	1 1	1	15	1	57	1	-	1 1	624
Kossuth	1	1182	1	1	22	Ī	315	1	2	1 1	1521
Lee	!	382	1	!	9	1	54	ŧ \$	13	1 2 1	455
Linn	1	585		<b>~</b>	25	1	83	100	1	1 1	695
Louisa	 	441	1 1	1 1	2	1	99	1 1	4	1	517
Lucas	1	801	† ! }	8 9 6	7	!	26	9	!!	1	141
Madion Management	1	176	† 1	1 4 8	52	\$ \$	93	1	٦	1 1	567
ENGLISHED STATES	} ·	200	1	1 1	11	1 1	09	†	7	1 1	327
Manaska	0 4 1	616	1 1	1 1	20	1 1	73	* **	1	1	809
Marion	‡ ‡	294	1	1 1	16		47	!!	٦	1	358
Marshall	1	1//	‡ 	1	16	1	66	1	1 1	1	886
MILLS	‡ ‡	332	1	1 1	7	ţ	7:7	1	1.3	1	429
Mitchell	1 1	407	1	\$ \$ 1	22	1	97	1 -	-	1	506
Monoga	[   	909	1 1	-	16	1 1	66	1	8	1 1	730
Monroe	1 1 1	112	† † †	1 1	<b>б</b>	1	22	ĵ l	_	\$ 1 1	144
See footnotes at end of table.	f table.										

Appendix Table 1 .-- Estimated Crop Residues By States and Counties, 1975 -- Cont.

0-0 PC				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	Cotton :	Grain *	Oats	Rica	Soybeans	Sugar- beets	i Wheat i	Other i	Total
•• ••	- 1				000 Tons	rons		1 1		-	1
IowaContinued ;						•					
Montgomery	}	551	3 2	1 1	11	-	73	1	m	1	638
Muscatine	1	473	;	7	14	1 1	62	1 1	S	QI	257
O'Brien	1 1	672	;	1	22	1 1	158	1	1	1	853
Osceolai	1	388	1 1	-	21	1	16	1	1	1	201
Page	-	331	1	-	10	1	77	1	4		423
Palo Alto	1	631	1	7	16	1	171	1	2	1	821
Plymouth	-	199		1	58	1 1	88	1	2	22	813
Pochaontas	1 1	707	!	!	11	1	175	1	!	1 1	893
Polk		487	1	; 	9	1	90	1 1	7	!	585
Pottawattamie:	\$ 1	787	1		19	1 1	142	1	10	1 1	656
Poweshiek	ŀ	480	1 1	1	28	1	99	1 1	1 1	1 1	574
Ringgold	1	166	i !	1 1	. 12	1 1	33	1 1	2	1 1 1	213
Sac	1	655	1 2		21	1	103	1	099 000 000	3 2 8	971
Scott	1	649	1 1 1		19	1	89	1 1	-	1 1	738
She1by	1	558	1	1 1	29	1 1	75	1	7		663
Sioux	1	737	;	1	52	5	94	1	2	1 1	688
Story	1	722	1 1		7	1 1	145	1 1	1	1 1	976
Tama		691	!	1	23	!	117	1 1	1 1	1 1	606
Taylor	1	194	1 1	1	18	1 1	44	1	2	1	259
Union	2 1 1	139		1 2 5	11	1	27	1	-	8 8	178
Van Buren	1	1 1	1 1	1 1 8	7	1	45	1	2	8 8	57
Wapello	1 1	260	1 1	!	7	1	49	1	1	1 1	316
Warren	1	288	:		12	1 1	47	1	2	1 1	350
Washington	1	528	!	2	13	1	95	1 1	1	† †	639
Wayne	†	188	1 1	7	1	1	43	1 1		90 90 90	232
Webster	1 1	728	1 1	† †	6	1 1	206	1	1	1	943
Winnebago	3 1 5	428	1 1	1 s	10	1 1	117	1 1	4	1	559
Winneshiek	5 4 5	406	1 1	1 1	48	8 6 8	18	1 1	2 8	8 9	472
Woodbury	40 40 40	788	1 1	5	38	1 2	98	1	7	1 1 2	916

See footnotes at end of table.

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County	Barley	Corn	: Cotton :	Grain :	oats :	Rice	Soybeans:	Sugar- beets	. Wheat :	Other:	Total
					000 Tons-	ons					
IowaContinued											
Worth	1	504	1	!	. 13	1	96	1 1	7	1	614
Wright	1	835	1	† 8 1	10	1.	190	1 6	1 1	1	1035
Unallocated 2/	9 :	1	1 1	6	2	1	1 1	1	1	3	14
State total		49825	1 1	45	1885	1	8460	1 1	188	8	60418
Kansas	. ,,							•			
Allen	1 1	18	1 1 1	20		1	33	1 1	46	1 1	121
Anderson		34	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	19	4	1	39	1 1	51	i	148
Atchison	•	64	1	39	2	1	21	8 8 9	42	1	171
Barber	-	m	1	9	1	1 1 1	!!!	i	260	1	269
Barton	1	24	1 1 1	40	1	1	1	!!!	369	1 1	435
Bourbon	1	10	1	24	7	1	23	† †	25	7	85
Brown	1	186	1 1	52	9	1 1	38	1 1	75	1	357
Butler	2	1	!	64	1	} † †	9	1 1	100	1 1	180
Chase	5	11	† 1	13	-	1 1 2	4	t 5 1	41	1	72
Chautauqua	1	7	1 1	₽	-	1 1	7	1	29	1	36
Cherokee	<b></b>	10	1 1	31	<b>.</b>	1 1 1	99	000 and 000	70	1	179
Cheyenne	; 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	121	† 1 1	<b>\( \tau_{\tau} \)</b>	:	1	1	2	240	1	374
Clark	1	2	1 1	S (	† †	1 1	1 1	1 1	128	 	1.35
Clay	1	43	1	89	-	1 1	2		194	1	311
Cloud		28	1	62	m	1 1	-	1 1	219	1	313
Coffey	-	14	9 9 9	33	7	1 1	32	1	59	-	139
Comache	1	2	1	ر ا	1	00 00 Gg	1	1	124	-	132
Cowley	٠.		-	26	-	1 1			242	1 1	278
Crawford	1	16	!	56	7	8	40	1 1	36	1	151
Decatur		36	200 CPG CBG	13	1 1	1	. II	!	241	1	291
Dickinson		29	1 1	95	S	1	1	!	38	1 1	167
Doniphan	[     	214	1 9 1	22	<b>~</b>	1	23	† 1 1	52	1 1	312
Douglas	1	140	1 1	23	7	} ! !	20	1 1	230	1 1	415

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimate	d Plant	Residuc	Estimated Plant Residue From Harvested	sted			
State and County :	Barley:	Corm	: Cotton :	Grain : Borghum :	oats :	Rice	Soybeans:	Sugar- beets	: Wheat :	Other 1	Total
•• •					, 000	000 Tong				1	B 00 00 00 00 00 00 00 00 00 00 00 00 00
	,										
KansasContinued		50	i	30	i i	1 1	1	1 1 1	25	1 1	117
בושמנתם	4	<u>,</u> -	1 1	) œ	1	1	-	1	214	1	224
Ellis	8 1 8	15	-	26	1 1	1	1 1 1	1	304	1 1	345
Ellsworth	-	4	3 1 1	23	7	1 1	00 mg	1 1	217	t i	246
Finney	1	. 361	1 1	87	1 4 6	1 1	-	4	402	§ ¶	928
Ford	-	102	;	13	\$ \$ 1	1	1 1 1	1 1	376	1 1	492
Franklin	1 1	28	!!!	32	en	1	37	1 1	53	1	153
Geary	1	7	1 1 1	20	e	1 1	2	} 8 2	51	\$ 1 3	83
Gove	-	34	1 1	37 .	1 1	1 1	1	1 1	291	1 2 1	362
Graham	2 1 1	23	1 1	14	1	1	1 1	\$ 1 1	190		228
Grant	1	191	!	63	1	1	1	1	135	1	396
Gray	1 1	364	1 1	49	\$ 8	1 1	7	1 · 1	306	1 1	721
Greenly	1 1	19	9	6	1 1	1	1	<b>~</b>	239	1	327
Greenwood	1	9	2 2 8	16	٦	1	7	1	25	1 1 1	55
Hamilton	1	46	; 1	14	-	1 1	1 0	~	180	1 1	240
Harper	e	1	1 1	S	-	1	1	1	455	1	465
Harvey		21	1 1	81	<b>~</b>	1	!!!	1 1	207	1 1	311
Haskell	1 1	478	1 1	40	† † †	1 1	207 200 200	2	208	1 1	731
Hodgeman	7	38	1 1	13	j 1	1	1	1	243	1 1	295
Jackson	1	38	!	25	7	1 1	O	!	51	1 1	125
Jefferson	1	99		28	က	1	11	t 1 1	43		157
Jewell	-	37	1 1	93	4	1 1	~	1	509	1 1	345
Johnson	1	43	1 1	15	7	1 1	27	1 1	28	1	114
Kearny	1	118	1	17	1 1	1	1 1	4	180	-	.319
Kindman	3	2	1 1	18	-	1 1	7	1 1	376	1	404
Kiowa	1	20	1	21	1	1 1	7	1	157	7	200
Labette	2	11	1	48	٣	1 1	56	5 2 8	73	7	164
Lane	!	31	1 1	14	1 1 1	1	1 1	1 1	242	1 1	287
Leavenworth	1	34	1 1 2	13	æ	† 1	12	1	32	1	94

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley	Corn	: Cotton :	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other : 1/ :	Total
					000 Tons-	ns		1 1			
KansasContinued											
Lincoln	. 1	9	1 1	29	2	1	1 8 9	8 8	240	1 1	278
Linn	1 1 0 0 0	. 24	1 1	39	1 1	1 1	41	1 1	34	1 1	138
Logan	!	38	8 8	14	en	\$ \$ \$	1 1 1	1	239	1	294
Lyon	. 1	32	1	41	٣	1 1	25	1	92	1	178
McPherson	: 2	26	1	115	87	i i	3	1	404	1	552
Marion		22	1 1	75	3	f 1	-	1 1	238	*** *** ***	340
Marshall		24	1 1	186	. 2	1	10	1	173	1 1	396
Meade	1 1 1	143	1	39	1 1	1 1	1 1		134	1 1	316
Miami		36	1 1 1	33	Э	1 1	32	1 1	43	\$ 9 9 8	147
Mitchell	1 1	11	1 1	49	-	1	2	-	300	1 1	363
Montgomery	: 1	. 12	1 1	26	2	1 1	10	1 1	82	1	133
Morris	: 1	13	1 1	29	4	1	9	i i	100	1 1	153
Morton		77	:	65	1	1	1 1	1	72	10 10 10 10 10 10 10 10 10 10 10 10 10 1	214
Nemaha		19	1	151	2	1 4	1	1 1	96	1 1 1	324
Neosho	: 1	14	1	26	m	1	50	-	46	!	119
Ness		7	ŧ !	14	† !	1	1 6 8	-	301	-	323
Norton		.31	1 1	22	<b>7</b>	1	1 1	1 1 2	204	7	261
Osage	1 :	14	!	72	က	1 1	25	1	99		181
Osbourne	-	16	1 1	23	1	1 4	7	1 1	228	1 1	269
Ottawa	!	11	1 1	16	7	80 OL 00	-	1	268		298
Pawnee	!	1	1 1	23	!	1 1	m	1 1	300	!	326
Phillips		15	1 1 1	33	2	1 1	1 1	i i	170	1	220
Pottawatomie	1	39	1 1	54	7	1 1	6	1	72	3 2 E	176
Pratt	ret **	56	1 1	21	1	1	<b>~</b>	1	317	1 1	396
Rawlins	1	35	1	8	1	1 1	1 1	1	283	! !	326
Reno	4	15	!	79	~	1	7	1	558	7	099
Republic	: 1	155	* *	98	9	1 1	4	1	176	1	428
Rice	!	18	1 1	87		\$ \$ \$	1 1 1	1 1	352	1 1	457
Riley	1 1	15	-	43	~	1 1	m	!!!	99	1	128

See footnotes at end of table.

	'				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			•
State and County	nty :	Barley :	Corn	: Cotton :	Grain :	Oats	Rice	Soybeans	Sugar- beets	Wheat :	Other;	Total
	<b>.</b>		1 1 1 1 1 1 1			000 Tons-	rons		1 1 1 1 1 1 1 1			
Kanoac-Continued	• •••											
Rooks		1 1	7	1	12	1 1	1	1 1 1	1	227	1	246
Rush	•	1	15	1 1	22	1 1	1 1	-	1 1	279	1	316
Russell	••	† 	7	1 1	22	-	!	1	1 ! !	242	~	270
Saline	:	- -4	12	1	32	-4	1	1	1,	261	1 1	308
Scott	•	1	166	1 1	34	1 1	; ; ;	3	1 1	272	1 1	472
Sedgewick	•	4	34	8	70	7	3 3	7	8 1	144	1	260
Seward	•	1	125	1	. 52	1 1	1	1	7	57	1	235
Shawnee	••	1 1	99	1	26	-	!	9	1 1	385	1 1	474
Sheridan	•	i	158	1	18	!	1	1 1 1	€	237	~	417
Sherman		1	223	1 1	3	1	1	1	40	299	8 8	565
Smith	•	1	20	1.	69	3	1	1	!	205	1 8	296
J Stafford	•	7	62	1	45	1	1	1	1 1	344	m	457
Stanton	-	e -	297	1 1	29	1	1 1	1	8	158	1 1	496
Stevens	•	7	172	1 1	163	1 1	1	1	1 1	130	1 1	467
Summer	••	10	10	1 1	. 17	-	1 1	3	9 8	752	1	793
Thomas	••	ä	169		12	1	† !	1	1 1	388	1 1	570
Trego	:	1 1	8	1 1	15	7	1 1	1	1	219	1 1	243
Wabaunsee	••	1 1	19	!	23	2	1	7	1 1 1	48	1 .	94
Wallace		1 1	128	1 1	11	1 1 1	1 1 1	1	14	115	1	268
Washington	•	1 1	35	1	166	4	1	•	1	176	1	384
Wichita	•	1	299	t 2 4	28.	† † †	1	1	1 1	231	1	558
Wilson	**	1 1	11	1 1	38	7	1 1	24	1	62	1	136
Woodson	•	1 1	, 9	1 1	25	-	1 1	14	1	27	1 1 1	73
Wyandotte	•	# #	6	1 1	. 2	1 1	1	7	1	m	1 1	15
Unallocated 2	/	12	7	1 1	4	9	\$ 5	8	1 1	153		212
State total	••	85	6287	8 6 8	4032	144	1	190	93	19475	42	30948

Appendix Table 1 .- Estimated Crop Residues By States and Counties, 1975 -- Cont.

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

140 140				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corm	Cotton :	Grain sorghum	Oats	Rice	; Soybeans:	Sugar-	Wheat:	Other 1/	Total
					000 Tons-	Pons-					
Kentucky											
Adair	\$ ! }	35	1	1 1	1 1	1	1	1 1	2	!!	37
Allen	Т	35	‡ 1 2	\$ 6 5	8 9	**	2	1 4	4	1	42
Anderson	1	10	1	\$ 2 2	1 1	1 1	1 1	1 1	1 :	1 1	10
Ballard	1	33	1	ភេ	 	1	32	1 2	13	1 1	83
Barren	7	93	1	1	~•.	1	-	## dis-		7	100
Bath	1 1	23		8 8	1 1 6		1 1	1 1	2	1 1	25
Bell	5 9 1	~	1 1	\$ \$ }	t   	1	1 1	3 0 0	3 0	1	1
Boone	1 8	20	1	!!!	1	1 1	1	1	1	1 1	21
Bourbon	-	64	1	1 1 2	1	1 1	7	1	83	1	74
Boyd	*** viii 44	3	1	ł	1 1	1	1 1	<b>1 1 2</b>	WP	1	. m
Boyles	1 1	35	1	1		1 1	1 1	1 1	2	_	42
Bracken	1 1	6 -	1 1 1	1	!	8	1 1	1 1	2	1 1	11
Breathitt	-	2	1 1 1	1	1 1	1 1	1 2 2	1 1	\$ & &	1 1	ιΩ
Breckinridge	!	95	1 2	1	1	1 1	6	1	10	-	112
Bullitt	2	15	1 1	1 1 2	1	1	2	1	2	1	21
Butler	/ 	47	1 2	٣	‡ 1	1	12	\$ \$	2	!	64
Caldwell	7	61	1 1	7	1 1 1	f   	17	1	6	1 1	89
Calloway	# # #	19	1 1 1	1 1 1	1	1	45		20	\$ 4	126
Campbell	1 1	S	1	1	1 1	1	3 2	1 1	1	1 1	5
Carlisle	# # #	26	1	6	1	1	19	) 1 1	5	1 1	59
Carrell	1	ထ		t ! !	1 1	1 1	1	1 6	-	1	10
Carter	1	11	1 1 1	1 1	1-1-	1 1	1 1 1	1 1	1 1 6	1,	11
Casey	1 1	45	1	1 1	1	1	1	1 1	1 1	- 1	45
Christian		171	† 	7	1 1	1 1	.68	t 1	98	1	333
Clark	1 1	3/	\$ 1 8	8 8	1 1	1	1 1	9	4	1	41
Clay	!!!	= :	1 6	1 1 2	1 1 1	1	1 1	\$ \$ \$	!!	† I	11
Clinton	8 8	20	1 1	1 1	1	1 1	1	1	-	1	21
Crittenden	60 GP mg	48	† †	7	1 1	1	18	1	1	1	74

Continued--

Appendix Table 1 .- Estimated Crop Residues By States and Counties, 1975 -- Cont.

					Estima	ted Plan	r Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley:	i Corn	 E	Cotton :	Grain Borghum	Oats	r Rice	Soybeans:	Sugar- beets	: Wheat :	Other;	Total
*4 \$4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1		1 1 1 1 1	000	-000 Tons				8 8	
KentuckyContinued t												
Cumberland		_	61	1 1	1 1	1 1	1	1 1	1 1	i	1	19
Daviess	1	203	13	1	1 1	}	1 1	69	1	28	}	300
Edmondson	!	7	27	1 1 1	1 1 1	1 1	1 1	7	1 1	2	614 mp dill	30
Elliott	1		5	00 00 00 00 00 00 00 00 00 00 00 00 00	!	1	1	8 8	1	ŧ ;	B 2	2
Estill	!		15	1 1	1 1 1	1 1	!	1 1	1	!	- 1 1	15
Fayette	1 1	C)	34	1 1	1 1	!	1	1	1	7	† † †	37
Fleming		4	45	1	-	1	1	1 1	1	6	1 1	48
Floyd			8	1 1	† ! !	1	1	1 1 1	1 1	: :	† !	٣
Franklin			13	1 1	1 1	1	1	1 1 2	!	7	1	14
Fulton	!	(*)	32	8	7	! !	1	42	1	6	1 1	84
Gallatin	1 1		7	1 1	1 1	3 2	!		1 1	-	1 1	6
Garrard	1	(4)	20	1 1	1 1 1 1	# R R	1	00 00 00 00	Į,	7	1	22
Grant	1		8	1 1	1	1 1	1 1	1 1 2 2	1 2	1	ŧ ŧ 1	හ
Graves		10	108	8 8	2	8	1 1	74	1 1	17	1 2 3 4	201
Grayson	1	47	99	!	i ! !	1	1	e	1	5	*	64
Green	:	4	47	4 4	1 8 8	f 1 3	1	~	1 1	2	 	51
Greenup			14	1	1 1	1	1	7	1	) 3 8	3 8	15
Hancock	1		15	1	† 1 1	1 1	1	11	† !	9	1 !	29
Hardin	en	17	127	1 1	1 1	1	-	9	1	6		145
Harlan	1				1 1	1	1	8 8	1	1 1	1 1	7
Harrison	1		23		1	1 5 8	1	1 1	1	4	i i	27
Hart		47	58	-	1	1	1	1 1	1 1	2	1.	61
Henderson		26	566	-	\$ 1 1	1	1	51	1 1	23	! !	340
Henry		4	41 .	1 1	# 5 8	1 1	1 1	7	1 1 1	9	1 1	45
Hickman			68	1	-	1 1	!	42	1	15	-	127
Hopkins	1	1	108	1	1	1	E E	31	1	89	!	147
Jackson	1	,	11	1	1 1 1	1 1	8 8	1	1 1	1 1	!	11
Jefferson		,	19	!	1 1	1 1	date case too	4	8 9	7	t : :	25
Jessamine	1 1		18	1 1 1	1 1	1	1 1	1	!	-	\$ 1 1	19

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	: Wheat :	Other 1/	Total
••											
KentuckyContinued:	1 1				Tons-	suc	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Johnson Tohnson	1 1	Α.	8	1	1	1 1	}	1	!	1 1	4
Kenton	\$ 8 2	• •	1	1	1	1 1	1	1 1	1 1	8 8	. 9
Knott	; ;	1	1	1 1	8 6 8	1	-	1 1		!!	8 8
Knox	1 1	~ œ	i 1	1 1	1.	1 1	\$ 2 0 0	8 8	9	\$ \$ \$	8
Larue	1	65	2 5	1 1	-	1	C4	1	4	1	72
Laurel		16	1 1	1 1 1	1	9 8 8	1 1	1 1	!	1 1	16
Lawrence	1	9	1 1	!	‡ • •	1	1	i	1	1 3	9
Tee	1	2	1 1	1	:	1	* !	1	} } }	1 1	5
Leslie		7	1	1 1 1	† † †	!	1	1 6 9	1	1 1	1
Letcher	9 9	-	1	1 1 1	!	1 1	1	1	1	1 1	1
Lewis	1	20	1 1	!	1 1	1	7	1	1	1	22
Lincoln	1 1	52	1 1	-	1	1	1 1	1 1	3	000 400 100	55
Livingston	1 1	. 33	1 1	1	1 1	î t	13	99 99	2	1 1	51
Logan	ស	142	1 1	2	1	1 5	35	1	36	1 1	221
Lyon	!	20	1 6	1 1	1 1 1	1	4	1 1	2	1 1	26
McCracken	# #	. 61	1 1	e	1	1 1	56	8 6	7	1 1	55
McCreary	1	-	: 1	1 1		1	1	1 1	1	1 1	٦,
McLean	1 1	94	1	1 1	1	8 8	43	1	11	ŧ	148
Madison	1 1	38	1 1	1 1	1 1	1	1	1 1	7	1	39
Mayoffin	-	9.	1	-	1	1	1	1	ł !	,	9
Marion	† †	54	1 1	1 1 1	1	1 1	2	1 1	4	1 1	09
Marshall	*	23	1	<b>~</b>	1 1	1 1	20	1 1	2	Į Į	46
Martin	1 1	t 1	1	1 1	-	1	-	1 1	1	1 1	1
Mason	1	44	1 1	8 8	1	9 9	!	) ) [	9	}	50
Meade	<b>-</b>	38	1 1	2	f f	1 1	2	1	13	1	56
Menifee	t !	3	1	3 5 6	40 do	1 1	1 1	1 1		92 40	٣
Mercer	1 1	36	1 1	-	1 1	3	1 1		7	1	37
Metcalfe	1 1 1	38	1	1 1	1	1 1	1 1	6 8 8	-	1 1	39
Monroe	1	40	l l	† † † †	1	1 1 2	2	1 1	1	1	44

See footnotes at end of table.

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

440 240				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corm	: Cotton :	Grain ;	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other:	Total
					000 Tons-	Tons			49 all 40		\$ \$ \$
KentuckyContinued:											
Montgomery	1	20	1	1	1	1 1	8 8	I I I	-	! !	21
Morgan	1	. 13	1 1	1	 	1 1	1 1	1	1 1	‡ ‡ ‡	13
Muhlenberg	1	09	1	1 1 1	1 1	1 1	17	1	6	1 1 1	86
Nelson	7	61	!!!	8 8	1 1	ŧ 1	7	1 1	<b>o</b>	E 1 1	73
Nicholas	1	6	1	!!!	!	1 1	1 1	1 4 1	-	1 1 1	10
Ohio	1	106	‡ ‡ ‡	1 1	1 1	1	20	l i i		1 1	131
Oldham	1	35	1 1	1 1	t 1	1	7	1 1	7	1 1	38
Owen		6	6 0 8	ŧ :	1 1	1	1	1 1	m	1 1	12
Owsley	1 1	7	1	-	† †	!	!	1 1	;	. 1	7
Pendleton	1 1	14	1 1	1	ŧ • •	1 1	1	1	1	1	14
Perry	10 at 20	7	1 1	-	1	1 1	† 1 8	1	1	1 1	-1
Pike	!	~	1	1	3 1	* *	1 1	1 1	1	!	1
Powell	!	6	1 1	1 1	\$ \$ #	1 1	8	1 1	1 1	1	6
Pulaski	-ii	62	!	\$ 1 1	1 1	i i i	9 00 00	1 1	7	:	99
Robertson	!	3	1 1 1	1 1	ļ i	T	1	1 1	1 1	1	ຕົ
Rockcastle	1 1	23	1 1	!	\$ 3 1	1 1	don only man	1 1	1 1	1	23
Rowan	* †	. 7	1 1	1 1	1 1	1	1	1	1	†  -  -	7
Russell	1 1	32	-	1	1 1	*	1	1 1	!	: : :	32
Scott	1	33	1 1 1	! !	1 1	000 dec de	1	1 1	1 1	1	33
Shelby	1	81	!	1 1	1 1	dis en our	7	1	11	1 1	98
Simpson	7	110	1 1	-	-	1	30	1	42.	E E	191
Spencer	!!	41	!	1 2	1 1 1	1 1	-	1	7	1 1	44
Taylor	7	48	1 1	1 1	7	1 1	7	1	9	1 1	54
Todd	7	117	1 1	1	1 1	-	34	1	46	1	205
Trigg	1	49	1 1	7	1	1	8	1	10	*	89
Timble	1 1	14	1 1	1 1	1 1	8 1 0	e	1	٣	1 1	20
Union	1	348	\$ 2 2	1	000 mg	1	19	!	56	1	393
Warren	7	78	3 8	1	1	1	12	1 1	30	1 1	123
Washington	-	32		~		1	~	1 1 1	4	1	38

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

20 20				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley :	Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other 1/	Total
•• ••	1 1 1	8			000	-000 Tons					
KentuckyContinued:						The state of the s	-				
Wayne	7	24	1 1	1 1	!	1 1	~	1 1	7	100 Oct.	3.5
Webster	* *	144	1	1	-	1 1	31	\$ 1 1	18		193
Whitley	1 1	7	1	\$ \$ \$	1	1 1 1	1	1 1	)   	1	7
Wolfe	;	89	8	1 1	1	1 1	3 1	and other Adm	1 1	1	- α
Woodford	:	18	1 1	1 1	9 40 49	1	1	i i	1 1	1	8
Unallocated 2/:	7	1	1	7	5	1 1	4	1 1	1 1	10	33
State total	26	4872	1	38	10	1	206	1 1	663	14	6560
Louisiana											
	1	4	1 1	1	1 1	356	78	1	7	1	439
	!!	<del></del> 1	8 8	!	1,	94	43	1 1	1 1	1	138
Ascension	1	2	1	!	\$ 3 1	1 1	2	1	1	55	09
Assumption	1 A C	1	1 1	1	9 9	1 1	2	8 9	1 1	121	123
Avoyelles	1	10	٦	1 1	1 1	12	94	1	1 1	20	137
Beauregard	1 1 5	7	1 1 1	1 1	9 8	12	18	1	1 1	1 1	32
Bienville	1 1	!	1 1	1	1 1	1	1 1	1	1 1	1 1 5	1 (
Bossier		-	2	<b>r=1</b>	go ma qu	:   	9	i	7	1 1	11
Caddo	1 1	7	17	m	1	1	89	1	1	\$ 8 1	30
Calcasieu	1 1	1	1 1	1 1	1	178	35	. 1	-	1	213
Caldwell	1 1	7	Φ	1	1	7	2	1 1	1 1	1 1	16
Cameron	1 1 1	1	1	8 1 2	1	45	2	\$ \$ \$	1 1	1 1	50
Catahowla	1 1	4	9	-	1 1	1 1	100	1	1 1	9 8 1	111
Claiborne	1 1	-1	1 1 1		!	1	1 1	1 1	1 1	1	1
Concordia	1 0	<b>₽</b>	4	~	1	1	97	1	1	1 1 1	107
	1 -	1	1	!	1.	9 2 10 6	2	9 9	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	2
	! !	7	1 1	1	1	1	m	1 1	1 1	1	ı vo
	1 1 2	1	18	!	~	1.9	96	9 1	5	1 1	139
E. Feliciana	l i	ഗ	1	1 1	1 1	1	6	3 8	:	1 1	14
Evangeline	1 1	S.	1	1	8 8	150	62	1	1 1	1	217
See footnotes at end of table.	of table.									Con	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estimat	ed Plan	r Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	; Cotton	Grain i	Oats	Rice	; Soybeans:	Sugar- beets	: Wheat	Other 1	Total
•					000	DOO TO BUILDING					8 8
LouisianaContinue	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; 8 9 6									
Franklin	† 1 1	4	30	7	1 1 1	~	100	1	1	\$ \$ \$ \$	139
Grant	1	-	-	1 1	1 1	-	6	1	1	1	11
Iberia	1	-	:	1 1	1 1	12	. 2	1	1 1 1	147	162
Iberville		7	1 1 1	1 1 1	1 1	1 1	6	1 1	1 1	98	96
Jackson	1 1	1	1 1		1 1 1	1	† † †	1	1 1	1 1	1 1 1
Jefferson	1 1	1	l l	1 1	1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1 1 1	1	1 1	1 2 2	# # # # # # # # # # # # # # # # # # #
Jefferson Davis	!!!	1	† †	1 1	1 1	332	112	1	1 1	1 1	444
Lafayette	!	4	1	1 1 1	1	33	11	1 1 1	1 1	28	91
LaFourche		7	3 1 3	1 1	1 1	1 1	2	1 1	8	118	121
LaSalle	1 1	1 1	1 1	1 1	1	1 1 1	-	1	1 1	1 2 5	~
Lincoln	!	1	1	1 1	1 1	1	1	3 2	! !	1 1 2	t !
Livingston	1	1	1 1 1	1	1	m	1	1 1	1 1	1 1	m
Madison	-	9	8	7	1	1 1	106	1 1 2	7	1	119
Morehouse		7	47	4	1 1	115	06	1	2	i i	259
Natchitoches	4 1	7	10	i i	1 1	1	21	1 1 1	\$ \$ \$	1 1	32
Orleans	-	1	* **	!!!	1	1	1 1	1 1	1	1 1	1 1
Quachita	-	7	12	!	1 1	9	12	1	1 1	l 1 i	28
Plaquemines	1	1	1	1 1 1	i i i	1	1	1.	1	8 8	1 1
Pointe Coupee	-	89	i 1 1	7	1 1	m	34	1	7	28	75
Rapides	1	16	9	<b></b>	1	4	31	1	<b>~</b>	16	75
Red River	1 1	7	-	S.	1	1	10	1	-	***	19
Richland	1	~	49	1 1	-	22	69	1 1	1 1	1 1	141
Sabine		~	1	-	1	\$ 9 2	7	1 1 1		1 1	7
St Bernard		l l	1		1 1	1 8 1	1 1 1		1 1	1 1	1 1
St. Charles		1	1 1 1		1 1	1	i i	1	1 3	2	3
St. Helena			1	1	-		1		gan ann gw	1	7
		~	1 1	1	1	1		1	E-0 000 000	16	94
St. John The											
Baptist:	1 1 1	1	8 5 8	1	1 1	1	7	1 1	1 1	33	35

Continued--

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ited Plant	Residuc	Estimated Plant Residue From Harvested	ested			
State and County :	Barley:	Corn	: Cotton :	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat	other:	Total
	1				000	-000 Tons					
LouisianaContinue:						:					
St. Landry:	1 1	22	7	7	1 1	19	95	1 1	1	1 1	186
St. Martin:	1 1	9	1 1	1	!	12	7	8	1	69	. 94
St. Mary:	!	1	9 9	1 1 1		3	2	1	1	141	146
St. Tammany:	!		1 1	1 1	1 1 1	1	٦	1 1	1 1 2	1 1	2
Tangipahoa	1 1	<b>≓</b>	1 1	i	1	1	2	1 1	1	1 1	<b>m</b>
Tensas	1	2	14	-	7	m	99	1 1	e	1 1	90
Terra Bonne	1 1	~	1	1	1 1	\$ \$ \$	-	1	‡ ‡ ‡	52	54
Union	1	. 1	1	1	- I	1		1	1 1	1	-
Vermilion	!	4	1 1	1 00 00	; 1 1	387	23	1	1	15	429
Vernon	1 1	-	1 1	1 1	1 1	1	-	1	‡ 	1 1	2
	!	2	4 4 2	1			2	1 1	! !	1 1	ι α
Webster	1 1	-	1 1	1	1 1	1	1	-	1 1	1	
West Baton Rouge .:	1 1	7	1 1	1	1 !	1 1	e	1	1 1	47	51
West Carroll:	1 1	~	14	1 1	2	7	09	1 1	1 1	1 1	84
West Feliciana:	1 1	4	1	1 1	1 1	1	2	1	1 1	1	6
Winn	1	1	1	alle alle alle	-	1	1 1	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1	1	1 1
Unallocated 2/:	!	1 1	1 1 1	4	2	3	2	1 1	2	7	14
State total:	1	142	249	26	9	1880	1559	1 1 2	22	1071	4955
••											
Maine :											
Androscoggin	2 2 2	1	1 1	. 1	1 1	1 1		1	!		1 1
Aroostook	7	t i	1 1	1	51	1	\$ \$ 1	† 	1	1 1	52
Cumberland	1 1	1	1	ł	1	1	1	1 1	1 1	1	1 1
Franklin	1 8	1	1	1 1	8	1 1	8 8	3 8 1	1	i	*
Hancock	1	2 6 1	1	1 1		1	1	   1   1	1	1	1 1 2
Kennebec	1	~	1 1	1	1	1	em ado ese	9 0	† ! !	!	-
Knox	1 1	1 1	1 1 1	1	-		1	1 1	1 1	1	1
Lincoln	1	1 1	1 !	1	1 1	1	1	1 1	!	1	1
Oxford	1	4	1 1	1 1	1	1	1 1	1 1	1 1	1	4
4	,										
see lootnotes at end of table.	of table.									Cont	Continued

Appendix Table 1. -- Estimated Crop Residuss By States and Countles, 1975 -- Cont.

					Estima	esd Plant	Residue	Estimated Plant Residue From Harvested	ested			
	State and County :	Barley :	Corm	Cotton :	Grain sorghum	Oats	Rice	; Soybeans;	Sugar- beets	: Wheat :	Other 1	Total
						000	-000 TOUR					
	. ••											
	MaineContinued:											
	Penobscot	1 1 2	2	1 1	1 1	2	1	1 1	1	1	i	г
	Piscataquis	1 1	1	1 1	t }	1	1 1	1	1 1		  - 	•
	Sagadahoc	1 0 0	2 5	1	1 1	1	!	1	1 1		1 1 1	7
	Somerset	-	9	-	1 2	1	1 1	1	1	1 1 1	) }	1 (
	Waldo	1 1	~	1	!	3 3	1 1	1		1	1 1 2	m,
	Washington	-	1	1	1 1	1 1	1 1	9	1		1 1 1	
	York	1	-	-	1	l l i	8		1 1	i i	1 1 2	3 5 1
	Unallocated 2/	1 1	-	1 1	1	1 1	1	1 1		! !	† †	3 8 7
	State total:	~	15	1 1	1 1	53	1	1 1			1	† (
	••									i j	† † †	69
-	Maryland											
43	Allegheny	-	2	the ere ere	1	1	1	1 1				ı
-	Anne Arundel	- 1	35	1	1 1	1	. 1	-	i i	!	**	9
	Baltimore	10	83	die per ser	1 1	· •		→ (	t 1 1	m	1 1 1	39
	Calvert	1	30	1	1	4 !	1	7 (	3 1 1	11	7	108
	Caroline	24	121	1	1 1			7 0	1	7	1 1	35
	Carroll	. 23	210	1 1	1 1	· ·	ş 	49	2 2	24	7	220
	Cecil	9	06	1 1	)     1   9	* -	) 1 8	7	\$ \$ \$	56	2	267
	Charles	1 1	37	\$ ! #	i 1	<b>-</b>	!!!	10	1.	16	1	124
	Dorchester	29	191	8 8	1		1	<b>4</b> (	1 1	δ	7	47
	Frederick	20	147		3 8	9		70	1	21	~	294
	Garrett	1	11			0 0		1 1 2	1	26	m	202
	Harford	9 .	88		1 1	٠ -	1 1	(   	† 1	-	:	22
	Howard	9	44	!	1 1	+   	]   	7	1 !	ထ	!	105
	Kent	7	213	1	1			1 0	1 1	<b>o</b>	1	59
	Montgomery	ហ	81	}	1 1	-		C.7	!	27	7	273
	Prince Georges	1	20	1 1	1 1	4 i	!   ! !	<b>-</b> (	1	20	1	108
	Queen Annes	12	226	1 1 1	1 1	-		7	1 1	m	1	25
	St. Marys	3	46	-	1	4 -		20	1	42	~	318
4	See footnotes at end of table.	f table.				+	1	ת	1 1	8	-	19
											Conc	Continued

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

00 PO				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	ested			
State and County :	Barley :	Corn	: Cotton :	Grain sorghum	Oats	Rice	Soybeans	Sugar- beets	Wheat:	Other;	Total
••		1			000 Tons	Tons	0 00 00 00 00 00 00 00 00 00 00 00 00 0		9		
Michigan											
Alcona	1 1	2	1	1 1	2	\$ { 1	1 1	1 1	. 2	1	9
Alger	-	1	1	8 8 8	~	1 1	1	1	1 1 1	1	-
Allegan	,4	257	1 1	8 6	7	1 1	1 5	1	35	1	301
Alpena	-	80	\$ 8 8	1.	5	1 1	ŧ !	1 1	5	1	61
Antrim	!	10	1 1	8 9 9	-	1 -	1 1	1 1		1	12
Arenic	1 1	38	1	1	9	1 1	7	5	10	6	70
Baraga	1	9	1 1	-	1	!	!	1 1	1	1	1 1
Barry	1	101	1 2	1	2	1	-	1	94	1	155
Bay	†	107	1 1	1 1	7	!	7	47	20	94	258
Benzle	1	2	1	!	1	1	1	1 1	1	1 1	2
Berrien	-	141	1 1	!	e	1	18	1	32	-	196
Branch	1	279	1	1 1	6	!	19	1 1	94		354
Calhoun	-	225	1	t 1	91		7	1	71		321
Cass	. 2	184	1	1	2	!	14		29	2	236
Charlevoix:	1	10	!	† † †	-	1	1	1	1 1	1	11
Cheboygan	!		1 1	1	- 1	1	1	1	1 1	1	7
Chippewa	-	1	!	-	2	<del>!</del>	1 1	!	-		7
Clare	1 1	15	1	1	7		1 1	†	٣		21
Clinton	40 40	197	10 cm	1	14	-	29	-	83	7	331
Crawford	1	1	1	!	1	!	-	1 3	<u>t</u>	1	1
Delta	-	2	1	!	9	-	9 9	, { 1	1	-	6
Dickinson:	-	-	!	!	7			1 1		1	7
Eaton	9 9	172	1	1	7	1	6	!	75	14	277
Emmet	1	9	10 mm es		2	!	f 1 1	1	\$ 20 A	1	89
Cenessee	1	109	1	1	9	1 1	6	1	41	2	167
Gladwin	1 1	23	†	1	4	1	!	-	9	2	36
Cogebic	1 1	1	1 1	1	!	1 1		1	4 70 40	1	1 1
Crand Traverse: :	1	91	1 1	·¦	-	1			2	-	20
Gratiot	1	277	!	!	01	-	28	14	82	56	467
Hillsdale	1	252	1 1	!	10	1	24	-	45	1	331
Houghton	-	1	1 1	-	2	1 1	1	1	1	000 cm	2
Huron	. 2	395	} !	1 1 1	39	1	e,	77	145	85	713
**	,										

See footnotes at end of table.

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvestad	sted			
State and County :	Barley	Corm	: Cotton	Grain	oats	Rice	Soybeans	Sugar-	: Wheat :	Other:	Total
					000	: 000 m			44	7	
MichiganCont.											
Ingram	-	218	!	9 6	000	1	7	1	97	2	282
Ionia		211	1 1	1	17	1	· v	1	68	6	311
Iosco	-	10	1	1 1	2	\$	1		m	-	15
Iron	*	† E 1	1	1 1	2	1 1	1 1	1 1	1 1 1	1	2
Isabella	1	149	1	1 1	10	1 1	20	1 1	36	13	228
Jackson	-	184	8 1 1	1	æ	!	9: 13	1	30	the est do	222
Kalamazoo		163	000000000000000000000000000000000000000		6	1	9		67		229
Kalkaska		2	1		1	1 1	tops care upp	9 1	1	2	4
Kent	1	137	1 1		. 1	maga dipo mana	1 1 1	1	32	1	177
Keweenaw	-		1	-	1 1	1	-	1	1	1	
Lake	***	-	1 1	1		# 0 0 0	1		-	1	m
LaPeer	1	150	1	5 E	6	00 OF 400	-	_	41	5	207
Leelanau		9	-	!			1	1	-		6
Lenawee	!	430	1	!	21	1	91	3	134		680
Livingston	1	85	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1	. 7	1 1 1	1 0	1	20	!	109
Luce		1	8 8	1	1	1	1	1 1	!	1 1	1
Mackinac	!	1 1	1	1	5	1	1	1	1	1	2
Macomb	. !	<i>L</i> 9	1	1 1	5	l I	6		22	-	104
Manistee	1	4	1	1	1	1	-	1 1 1	2		7
Narquette	1	100	1	man over 1980	-	!	!	alle des de	***************************************	1,	-
Mason	1	25	1 1	east deep milds	G	1	1 1	1	11	!	39
Mecosta	1	949	1	1 1	7	1	the sale sale	1 1	10	2	62
Menominee	_	11	1 1	1	6	1	10	man date date	-	1 1	38
Midland	1	99	-	*	ო	1	87	9	15	12	191
Missaukee	1	24	1 1	1	9	!	1 1	-	en	1 1	m
Monroe		214	9 9	1	12	1	1	7	88	1	316
Montcalm	1	128		!	&	1	က	1 1	44	21	204
Montmorency:	1	2	1	1	2		9 99	1	-	1 1	٠,
Muskegon	1	33	1 1	1	2	1 00 00	*	1 8	1	1 1	42
See footnotes at end of table	of table										
	Or contra									Conti	Continuedan

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corm	: Cotton :	Grain sorghum	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other:	Total
					Tong	Pons					1 1 9
Michigan-Cont.							1	1	σ		53
Coerten	1	07	1 1	1	m) (	1 1		!	` =	• 1	205
Ost land	1 1	37	1	1	ന	1 1	\$ 8 1		2 -	2	20
Odertand	1	19	1	1	-	1	1	1	<b>~</b> 14	7	200
· · · · · · · · · · · · · · · · · · ·	1	19	;	1 1	٠ <u>٠</u>	1 1	\$ \$		<b>ו</b>	1 1	) °
Obtonaton	1	1	1 1	<u>}</u>	7	1	1	1 1	. "		7 6
Osceola	1 1	15	1	1	4	1			, !	1 1	-2
Oscoda		7	100	!	!	1 1 1		1 1	1	1	יה ו
Odda D	1	2	1 1	!	<b>-</b>	1	1		-	-	135
Orrada	-	126	l i	1 1	<b>.</b>	1		. 1	20	• !	33
	-	3	1 1	† 1 1	5	1		1	2 6	‡ ‡	2
Roscommon	1	1	1	1	1 9	1 1	69	87	•	-	314
Saginaw	-	187	1	} !		1 1	20	7	118	51	303
St. Clair		109	go or de	‡ †	CT ,	1	2 1	1 1	44	9	266
St. Joeseph:	1	212	100	1	t 47	1	S	11	63	1 1	359
Sanilac	1	228	1	ŧ \$	07		1	1 1	127	38	166
Schoolcraft:	1 1	1	1	1 1	→ U	1	.78	1.	1		202
Shlawassee	1	152	1	I 1	61		- v <sup>a</sup>	52	62	7	447
Tuscola	12	287	\$ 3	!	ر د		7	1	115	16	327
Van Buren	-	129	1	1	٠,	1 1	10	1	12	-	240
Washtenaw	-	194	# 1	9	77	1	6	1	63	1	9/
Wayne	!	7	!		<b>-</b>	1 1	1	E } }	6	1	16
Wexford	1	ا 0	B		4 ! !	1 1	3	1	9	80	31
Unallocated 2/ :	<b>ه</b> ا	-	1		7.97	1	555	246	2151	967	99601
State total .	147	6974	1	! ! !	427						
Minnesota		-	1 1 1	1	3	1	1	1	1	1	7
Attkin		3,6	1	1	2	1	2	1 1	1 1	<b>с</b> т с	17
Anoka	35	22	1 1	1	43	-	~	1	20	~	1/1
necket towns										පි	Continued

See footnotes at end of table.

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

	Total			15	77	258	819	545	7	229	9	564	115	285	4.1	- 1	632	12	430	387	221	931	596	815	572	387	131	257	177	101	9	968	200	pan
	Other:			!	2	14		!	-	-		7	2	000	-	1 1	-	1	1	1			-	-	-	4	1	1	***	00	) !	*		Continued
	Wheat:			2	1 1 5 9	81	15	14	1	12	7	79	-	142	6		7	1	21	9	45	7	2	7	25	171	2	-	2	1 1	1	2		
ested	Sugar- beets			!	1	-	1	1 1	-	!		38	the east the	40	# 7 2	1	1	-	8 8	1	-	ല	1 1	1	1	7	1	1	# #	1	1	<b>6 6 6</b>		
Estimated Plant Residue From Harvested	Soybeans:			1	7	14	175	103	-	10	*	58	en	10		1 1	132	-	35	41	3	189	32	123	42	22	80	S		9	[ !	189		
Residue	Rice	lons		! ! !	!	Me con des	-	!	1	!	-	†	1 1	-	*	1	1	1	-	!	1 1	1	1	\$ 1 0	-	-	1	age and 40°	1		9 - 60	!		
ted Plant	Oats	000 Tons-		==	22	34	=	27	4	21	2	27	10	14	25	1	29	89	30	23	89	15	47	19	44	33	6	20	5	6	7	18		
Estima	Grain sorghum			1 2 1	1	1	7	1	-	1	1		1		!	1	1	1 1	10 11 11 11 11 11 11 11 11 11 11 11 11 1	20 10 10 10 10 10 10 10 10 10 10 10 10 10	1		1	1 1	1 1	1	!	1	1-1	1 1 1	1 1	1		
	: Cotton :			1 2 3	1	1	1	1		-	1	***	1	2 3 2	1	\$ 8 8	1	1	1	1	9 00 00	1	1	1	!	1	-	***	!	!	-	1 1		
	Corm	# # # # # #		~	47	97	616	401	-	186	ന	353	66	20	2	100	797	. 4	342	316	49	720	514	699	457	9/	1.12	230	9	78	7	759		
	Barley :				[	17	1	-			1	'n	1	51	7	1	-	1	. 5		37	1 1	<b>-</b>	! ~	4	<b>7</b> /	1 *	<b>-</b>	<b>~</b>		-	*	table.	
			MinnesotaCont. :	Beltrami:	Benton	Big Stone	Blue Earth	Brown	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clearwater:	Cook	Cottonwood:	Crow Wing:	Dakota	Dodge	Douglas	Fairbault	rillimore	Freeborn	Coodhue	Grant	Hennepin	Houston	Hubbard	Isanti	Itasca	Jackson	of footnotes at end of	
	1													-	48	-																	See	

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

GG 91				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley:	Corn :	Cotton	Grain	Oats	Rice	Soybeans:	Sugar- beets	Wheat :	Other;	Total
					000	-000 Tons					8 8 9
MinnesotaCont.  Kanabec  Kandiyohi  Kittson  Koochiching  Lac Qui Parle  LakeoftheWoods.:  LakeoftheWoods.:  Les Meur  Lyon  Lyon  Marshall  Marctin  Marctin  Marctison  Mower  Mower  Mover  Notollet  Notnan  Olmstead  Pennington  Pine  Pine  Pine  Pipestone  Pope	130 130 130 130 143 148 153 153 168 168 168 168 173 173 173 173 173 173 173 173 173 173	30 445 1 1 206 206 309 147 181 6 6 1835 324 344 40 69 517 324 324 324 324 327 593 128 326 270 20 20			10 43 43 43 45 45 45 45 47 11 12 13 13 13 13 13 13 13 13 13 13 13 13 13		63 60 60 60 60 60 60 60 60 77 77 77 150 150 24 24 150	6 6 118 118 118 118 118 118 118 118 118	172 448 44 1114 119 32 30 30 30 11 111 1111 1111 1111 1111	1	43 632 625 625 7 8 437 123 123 1048 441 441 454 454 190 190 190 190 190 190 190 190 190 190
See footnotes at end of table.	of table.									3	Continued-

Continued--

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

100				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley :	Corn	: Cotton	Grain	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other:	Total
16 00 6			1 3 3 4 8 8		000	-000 Tons					
MinnesotaCont.											
Ramsey	1	<del>+</del>	1	1	- 1	-	1	1 1	1	i i	-
Red Lake	33	Ė	1 1	1	23	1	1 1	1	120	3•	182
Redwood	<b></b>	481		1	34	1	180	4	65	2	751
Renville		. 611	1	!!!	39	1	160	47	114	6	1149
Rice		392	1 1	1 3 0 8	. 20	!	40	119	11	1	582
Rock	1	402	1	1 1	42		99	1	2	7	511
Rosenu	01 .	1	1	1	47	* *	1	1	131	45	233
St. Louis		1 1	1	1	3	!	1	1 1	~	!	5
Scott	-	160	!	1	14	1	19	1	5.	1 1	199
Sherburne	1	52	1	€.	7		Ŋ	!	ĭΟ	17	83
Sibley		425	1 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	33	1	105	1	09	1	623
Stearns	. 2	225	1		137	1	7	<u></u>	10	8	393
Steele		374	1	-	20	1	64	*	7	1	450
Stevens	39	325	1		64	1	25	1	145	15	598
Swift	o (	438	1 1 2	1 1 2	34	1	29	<b>&amp;</b>	134	12	702
ppoj.	2 5	83	1 1	\$ 8	. 62	1	2	1	9	!!!	161
Fraverse	. 53	19	1	the can can	23	1 1	23	æ	158	13	339
Wabasha	7	733	1	1 1	E .	1	11		2		284
Wadenie was a series of the se		10	1 1	,     	2 2	1 :	1 4	1	5 5	<b></b>	111
Washington	-	461	1	-	2 4	1 1	ر 17	1 1	D (*	-	43
Watonwan	No die aus	386	-	· 1		1	. 0		17	! '	356
Wilkin	119	5 =	1	1	17		10	30	7	<b>-</b> (	767
Winona		227	,	1 2 1	33		10	cc	233	7	435
Wright	-	226	1 1	t t	26	1	رر		<b>3</b> C	† † †	269
_	-	267	1		30	1	77		י רר רר		289
Unallocated 2/	80	### \$400 GEO	1 2 2	5	(")	1	9	1	` `	0 4	854
State total .:	1415	18594	des en est	80	2424	Pr 100 -10	3314	390	4875	380	31400

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

						-							
	00 000					Estim	ated Pla	nt Residua	Estimated Plant Residue From Harvested	seted			
	State and County :	Barley	3	Corn :	Cotton	Grain sorghum	i Oats	r Rice	Soybeans	Sugar- beets	: Wheat :	Other ;	Total
1							00-	-000 Tons		8 8 8 8			. 8
	Mississippi :	. <b></b>						c		ļ	٠	1	19
	Adams	1			<b></b>	1	1	7	7 7		4 6		7 7
	Alcorn	1		7	-	1	1 1	1	٦ °	{   	7	1	; =
	Amite	-		~	1 1 1	1 1	1	B0 40 00	<b>x</b>	1 1	1	9 9	11
	Arrala			2	2	1	1	1 1	<b>x</b>	***	1	å 9 9 9	01
		-		c	6	100	1	1 1 2	19	!	1 1	1	57
	per duor			2	48	1	1	181	191	1	22	1	414
	Bontvar				7	_	1	1 1	35	1 1	2	1	48
	Cathoun			, ~	, α		1 1	2	19	1	3	1	35
	Carroll				2		!	1 1	34	1 1	2	1 1	07
	Chickasaw	1		<b>+</b> ~	1	' !	1	1	5		-	***	6
	Choctow	1		<b>3</b> (	,	; i	l l	1 9	1	!	-	1	91
-	Clafborne	1		<b>~</b> (	₹	!		1	7	1 1	• 1	1	1
. 5	Clarke	-		m (			1 1	1	27	!	8	1	38
1	Clay	1		n -	1 2		1	27	69	1	32	4	184
-	Contloma	-		<b>-</b> (	7.	-	-	1		1 1	-	1 1	14
	Copiah			7	-i -	<b></b> -	4 a	1	. 0	!		1	22
	Covington			7	7 6	₹	0	1 1	67	1 1	• 4	1 1	79
	DeSoto			۰ و	71	1	-	. 1	1 4	20 00	-		· cc
	Forrest	•		٠ ,	1		- !	1	, v	1	-	1	7
	Franklin	1		<b>-</b> (	1 1		1 1	1 1	12	\$ !	. –	t 1	15
	George			7 (		. !	1	1 1	· ~	1		9 00 00	7
	Greene	!		ກເ	ur I			i	20	1	2	1 1	29
	Grenada			7		! ! ! !	1	1	2	1 1	1 1	1	
	Hancock	1		<b>-</b> ,		•	: 1	ic*	ı m	1 1	1 1	1 1	6
	Harrison	1		<b>→</b> (		,	-	)	. 22	-	2		7
	Hinds			۷,	17	٧	• -	2	39	1	. ~	1	90
	Holmes			₹	4.7	• 1	• !	181	104	i t	ο σ	1	173
	Humphreys		. ,		7	1		2	56	1	2	1	67
				9	-	-	1	1	91	g	1	!	23
-	Itawamba	:		)								200	Continued
S	See footnotes at end of table.	of table	. 0									3	רדוותפת

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

	State and County				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvested	ested			
1		Barley :	Corm	: : Cotton :	Grain	Oats	: Rice	Soybeans:	Sugar- beets	: Wheat :	Other:	Total
											: 7	
	**	1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000	-000 Tons				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 8 8
	MississippiCont:		٠									
	Jackson			1 1 1	1	1	!	L <sup>e</sup>	1		1	۲
	Jasper	Ì	٣	1	1	. !	i 2 0	۱	900 000 000	• !	•	• •
	Jefferson	!	2	-	1	- 1	1 an	15	Othe Jave Clin	2		10
	Jefferson Davis:	1	2	1	!	7	* **	10		۰ -	1 1	17
	Jones	1 4	4	1	-	2		7	1	4 1	1	11
	Kemper	1	7	-	. 1		1	. 9	1	-	1	1,1
	Lafayette	1 :	4	2	, m es	1	1	6	1	' ¦	!	1 1
	Lamar	1	ຕ	1	9 22 9	1 1	1	. 7	1	,	1 1	0
	Lauderdale	1	2	1	3 4 4	:	!	-	1	4	. !	0 (
	Lawrence:	1	<u>ر</u>	8 8	1		1	٠, ٢		; !		<b>~</b> ) (
	Leake	1 1	9	2	1 1	1		,			1	10
-	Lee	dip one ore	2	2	1			7 5		**************************************	9 00	<b>x</b>
52	Leflore		. !	63	1	-	l u	¥ <u>-</u>	2 5 6	1 4	!	28
-	Lincoln:	1	6	7   9   1		-	CC	131		^		255
	Lowndes	1	۷ <	, ,		-	!!!	<u>ښ</u> د د	***		1	. 5
	Madison	1		יי	1	<b>-</b>	 	33	1	m	1	4.5
	Marion	1 1	n c	77	า	٦.	W	24	*	-	-	54
	Marshall		n ~	1 -	! -		1	9	1	1	* 1	10
	Monroe		<b>寸</b> L	10	<b>-</b>	1 1	1 1	22	-		!	38
			Λ <sup>1</sup>	× ×	<u> </u>	<b>-</b>	1	87	1	9	1	68
	Neshoba		n ~	Ŧ		<b>!</b>	1 1	5	*	# 	1 1	19
	Newfon		3 (	1		!	i i	e	!		1	89
			n -	1	-	1 1	e e e e e e e e e e e e e e e e e e e	4	1	1	-	ω
	OF TENEDON	9 9	4 0	7		-	1	45	1	2	9	75
	Description	1	7		<b></b>	1 1	i 1 1	13	!	7	1 1	× ×
	ranola	! !	m	14		1 1	2	82	1	· ~	1	105
	rearl Klvier		2	1		1	-	2	1	)	1 1	0
	rerry	† † † † † † † † † † † † † † † † † † † †	ന	1			***************************************	7	1	1	1	0 0
	rike	1	7	! ! !		-	!	7	1 1	19 20 20 20 20 20 20 20 20 20 20 20 20 20	1 1	. מ
	Pontotoc		3	2	7	1	1	35	†	1 1		11
200	see footnotes at end of	table.						<b>)</b>				4.1
											Continued	ned

Continued ---

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975--Cont.

	Total	201 147 22 22 29 170 111 170 113 24 173 173 173 173 173 173 173 173 173 173
	Other;	111111111111111111111111111111111111111
	Wheat:	16 16 18 6 3 1 1 1 1 1 2 2 1 2 1 1 1 1 1 1 1 1 1 1
ested	Sugar- beets	
Estimated Plant Residue From Harvested	Soybeans:	41 93 12 4 19 7 5 34 105 94 34 119 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 138 32 7 7 7 7 7 7 8 19 94 94 94 94 94 94 94 94 94 94 94 94 94
E Residue	r Rice	25 2 58 2 2 58 2 2 2 2 2 2 2 2 2 2 2 2 2
ted Plan	s Oats	
Estima	Grain	37
	Cotton	1 23 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
	Corn	11 12 12 14 14 14 14 15 16 16 17 17 17 18 18 18 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19
	Barley :	
	State and County :	MississippiCont. Prentiss Quitman Rankin Scott Sharkey Simpson Suntlower Tallahatchie Tallahatchie Tate Tishomingo Tunica Walthall Washington Washousha Yalobusha Yalobusha Yalobusha
1		- 53 -

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

	••				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvested	ested			
1	State and County :	Barley :	Corn	: Cotton	Grain	: Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other ;	Total
						000	-000 Tong				1	
	•						Tollis					
	Missouri :		,									
	Adair	-	99	!	-	2	1 1 1	31	1	==		113
	Andrew	***	106	1 2 2	3	2	-	53		11	1 1	175
	Atchison:	-	315	1	æ	<b>,</b>	que moy deb	70	1	12	1	401
	Andrain	1	151	1	28	2	Ann also make	107	1 1	58		346
	Barry	-	9	!	-	-	1	1	1	8	7	20
	Barton	-	41	1	32	-		61		54	S	195
	Bates	-	96		41	e	1	54	-	77	6	248
	Benton	-	23	-	7		1	13	!	15	1	57
	Bollinger:	*	23	1 1 1	e	1.		16	-	80	i i	50
	Boone	-	75	1	9	<b>-</b>	***	30	1	21	delle vitte ette	133
	Buchanan	1	96	1	12	-		47	1	62	1 1	218
-	Butler	1	41	3	36	-	31	127	-	45	1	283
5	Caldwell	1 1	57	*	7	2	!	31	1	16	-	110
4	Callaway	1	96		. 5	***	\$ 5	28	-	28	1 1	157
_	Camden	t	4	1	1 1 1	1 1	1	-	1	-	1	5
	CapeCirardeau .:	2	115	1	89	1	1 1	95	90 000 000	26	1	197
	Carroll	1	164	1	6	-	1	103		71	1	348
	Carter	1		1	1	!	1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	diffe with dwy	-
	Cass	1	x .	-	21.	2	1	31	1	20	2	164
	Ceder	\$ 1	150	1	7 '	4 4	1	4	1	11	2	31
	Charletten		100	} } 	0 •		î î	93	1 1	36	\$ 8 8	292
	Clients Liam	1	0 0	‡ ‡	<b>.</b>	'	1		1	9	7	14
	Clark		130	‡ 9 2	<b>→</b> 1	<b>-</b>	1 1	67	1	15	1	196
	Clay	1 1	40	1	5	1	1	18	1	19	‡ † Ē	87
	Clinton	!	99	-	,	_	-	. 29		11	1	114
	Cole	-	37	1	m		***************************************	e	1	13	-	56
	Cooper	!	138	1 1	15		-	29	1	34		218
	Crawford	distribution date	<b>x</b>	* **	1 1	1	dus des de		-	5	1	13
	Dade	-	13		ς.	1	1	19		24	4	65
Se	See footnotes at end of table.	f table.										
											Conti	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

90				Estima	red Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley :	Corm	Cotton :	Grain Borghum	Oats	Rice	; ; Soybeans;	Sugar- beets	. Wheat .	Other $\frac{1}{2}$	Total
	1 1	8 8 1 1 1			000	-000 Tons				8	9
MissouriCont.				-		1	-	\$ 1	7	-	14
Dallas		4 6	1	→ r	2		57	1	96	\$ 8	215
Daviess	1	119	\$   9   1	۰ ۳	n c		28	1 1	14	app der vitte	142
Dekalb	1 1	, יר		) <u> </u>	•	1		1	2	9	7
Denet	1 1	, 0	1	!	1	1	1	1		1 1 3	m
Dunklin	1	20	39	6	1 1	1 5	201	1	158	2	429
Franklin	-	90	0 0 0 0	83	ŀ	1 1 1	7	1	37	1	143
Gasconade	-	31	1 1	4	1 1	1 1	<b>m</b> ;	!	Ξ:	1 1	44
Gentry	1	123	1 1	4	7	<b>†</b>	39	1	51	1	183
Greene	1 1	14		2	1	1 1		!	xo u	7	07
Grundy	1	89	]		5	1	41	*	n ș	-	100
Harrison	1	134	1	e ;	7	9 -	35	1	17 72	<b>→</b> <u>C</u>	169
Henry	1	27	1	28	_	1 1	34	8 9	ر د	01	701
Hickory	1	7	1 1		;	!	7	1	7 20	•	133
Holt	1	306	# #	<b></b> - ⟨		1 1	1.6	1 1 2	23		141
Howard	1	68°	1	77) -	1	1	77		7	. 1	9
Howell		7	? !	<b>-</b>	1 5				, !	1	, –
Iron	1	7	8 ( 3 1 4 1	ι α !	i -		20	3 8	15	1 1	106
Jackson		27	1	21.		1 1	96	1	39	3	187
Jefferson	2	18		-	1 1	1	7	1 1	6	1	34
Johnson	-	98	1	29	2	-	36	1	31	4	188
Knox	1	66	1	2	3	1 1	55	1 1	17	1	9/1
Laclede	-	2	1	-	1 1	\$ 8 9	1 f	1 1	4 0	1	01
Lafayette		292	-	. 9	7	1	. 57	1 1	28	-	383
Lawrence	. 2	19	1 1	9 ,	7 .	1	40	!	7	0	201
Lewis	1	133	1	<b>-</b> (	 - - -	1	26	1	14		107
Lincoln	:	188	1	n -	- ~		\$C		1	1	137
Linn	1	14	!!!	3	3	<b>9</b>	43		2		161
See footnotes at end of table.	of table.									Con	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estima	ted Plan	r Residue	Estimated Plant Residue From Harvasted	petad			
State and County :	: Barley :	Corn	: Cotton	Grain	o teo	4	1	Sugar-	4	Other ;	
•			- 1	sorghum			: auybeans		i wileat i	<u>, , , , , , , , , , , , , , , , , , , </u>	Total
••					000				-		
• • •					000	-000 Ious					
MissouriCont. :											
Livingston:	1	84	1	2	-	1	78	1	14	1	182
McDonald	1 1	1 1	1		1	1	1		7	·	
Macon		95	1	~	က	1 1	67	2 2	20	1	168
Madison	1	4	!	-	1	1	-	1 1	5		7
Marfes	!	∞	1	2	1	-	}     	1	9	ego ago eso	16
Marion	!	112	1	2	-	1	52	1	27		194
Mercer	# 1	9	1 1 2	-	-	1	18	f	- 40	-	06
Miller		18	!	-	emin even case	1 1	prod	1	· v		25
iqqississiM		124	9	13	1	9 4	184	!	84	4	415
Moniteau	9	43	\$ 1	15	1 1		8	1	17	-	84
Monroe	1	86	1	12	<b>~</b>	1	9/	-	27	] ] }	214
Montgomery:	1	122	1	5	-	1	39	1	71	-	238
	1	19	1	9	1	1	5	1	13	7	77
9 New Madrid	1	42	45	. 01	1	2	286	60 ove 400	117		502
	1	10	1	7	-	1	5	name unpo dave	20	2	42
Nodaway	1	318	!	7	2		98	1	10	-	424
Oregon	1 1	7	1	-	1	1	!	1	5	1 1	- ∞
Osage	-	34	1 1 1	7	-	!!	3	1	11	j i	52
Uzark	1	<b>→</b> [	1 6		1	1 1	1 1	‡  - 	-	†	. 2
remiscot	-	177	17	<b>→</b> (	999 040 040	m	190	1	19	1	309
relly	7	117	] [	າ ຮ		1	91	1 1	36	† 5 6	168
rettis	differ office production	171	1	72	7	† †	51	!	38	-	244
Fhelps	400 000 000	٠,١	1	] '	* 1	1 1		1 1	7	1	_ 1
Pike	1 1	156	1		_	<u> </u>	45	1 1	43	# # # #	252
Platte	1	49	8 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	22	1	elec man eags	. 31	!	99	1	183
POIK	90 00 00	۰ و	<b>9</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	1 1	1	-	1	. 6	2	20
Fulaski	1	۽ م	1	1 1	1	1	1 1	9 9	ന	!	6
Putnam	1	45	1		7	60 es es es	16	!	2	1	99
Ralls	•	94	1	7		1 1	55	2 2	27	1	180
See footnotes at end of table.	of table.									Cont	Continued

Appendix Table 1.--Estimated Crop Kesidues By States and Counties, 1975--Cont.

10 00				Estimo	ated Plan	t Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: : Cotton :	Grain sorghum	: Oats	: Rice	: Soybeans:	Sugar- beets	: Wheat	$\begin{array}{c} \vdots \\ \text{Other} \\ 1/ \end{array}$	Total
- 14 TO (	# 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		9 8 8 8 8 9	1 1 9 2 1 5 5	000	Tons			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1
MissouriCont:											
Randolph	!	67	1	2 .	-	1	36	1	14	1 1	102
Ray	1	121	1	5	1		42	1	53	1	221
Reynolds		e	1 1	1 1	!	1 1	1 2 2	:	-	1	7
Ripley	1	4	1	7	-	9	10	1 1	e	*	25
St. Charles:	1	146	1	7	1	1 1 2	45	!	78	Age and can	271
St. Clair		27	1	14	~	!	18	-	43	9	110
St. Francois:	-	13	!	1	1 1	1 3	1 1 1	1	7	-	16
St. Louis	-	34	1	-	1	1 1	6	1	37	1 1	81
St. Genevieve .:	-	. 73	1	9	1	1	4	1	14	1	95
Saline	1	384	1 1	6	-	-	91	1 1	41	!	526
Schuyler	1	31	1 1	1	7	1	13	1 1	2	1 1	52
Scotland	-	90	e	-	9	-	43	1	15	1	156
Scott		73	!	12	3	1	123	1	95	2	305
Shannon	1	-	1 1	1	1 1	1 1	1 1	1	-	\$ 9 8	2
Shelby	1	100	15	2	2	17	58	1	19	1	213
Stoddard	1	123	•	77	3 5	!	214	1	93	1	717
Stone		-	!	-	1	1	1 1	1 1	7	1	2
Sullivan	1	58	1	-	2	1 1	16	‡ †	7	1	81
Taney	-	~	1	1 1	1	*	1	1	-	-	2
Texas	!	2	!	-	1	1 1	1	1 1	. 2		5
Vernon	1	9/	1	. 53	7	-	52	1	73	en .	259
Warren	-	89	1	7	1	1	15	1 1	30	!	115
Washington	1	e	1	<u>}</u>	!	1	sales seeps seeps	-	-	1	7
Wayne		æ	1	-		1	m	!	3	1	15
Webster	-	=		1	1	1		!	-	1	12
Worth		67	1	-	-	1	91	1	7	1	71
Wright	-	e	1	1	1-4.	1	1	1	2	1	5
Unallocated 2/.	4	7	က	7	4	1 1	*	1	2	12	38
State total .:	18	7763	141	741	96	27	6907	1	2692	100	15675
And the second of the second o	- 6 L-L1-									d	

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

C but and Court				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
בימיני מווח כסתוונץ :	Barley	Corn	: Cotton :	Grain ; sorghum ;	Oats	Rice	: Soybeans:	Sugar-	Wheat:	Other:	Total
	1 1 1	1			Tons	Pons					
Montana :											
Beaverhead:	18	1 1	1	!!!	1	-	!	9 9	18		36
Big Horn	17	2.	the on the		æ	1 1	1 2 3	~	131	_	157
Blaine	80	1 1	85 mb out	!	7		-		243	•	331
Broadwarer	æ :	!	1	1	4	1	! :	4	32	-	78
Carter	7 5		to	# #	<b></b>	1 1	!	15	34	3	70
Cascade	01	1	!!!	1	9 0	1 1	!	7	20	1	43
Chouteau	8 01		! !	\$ 1 \$ 1	7 0	1	# 1 0	1 1	312	1	375
Custer	20	9		1 8	0 <	1	!	4	1197	<b>-</b>	1287
Dantels	70	1	1 1	1	± °		. 1	0	17	,	56
Dawson	43	3	-	-	† =			7	203	\$ ≺	334
Deer Lodge:	n	1	1	1	,	;	1 1	,	707	<del>1</del>	0/7
Fallow	16	1	1	1	7	1 1	† † 1		95	1 1	118
rergus	98	1 1	1	1	9	1 1		1	309	1	401
Collega	54	-	ş 1	1	1 1	1	l l	1 1	43	1	98
Carffeld	108	1 1	1	1	ش ا	1	1	1	97	-	208
Glacter	200	1	1	!	~ .	1 1	!	-	129	1 E 2	160
Colden Valley	202		1 1	1	4 (	1	ğ t ğ	1	140	2 2	346
Granite	2		l 1 l 1	, ! !	ה י	 	<u>1</u>	!!!	38	1	77
H	66	1 1	-	1	6				2 2	1	7
Jefferson	5	1 1	1 1	1 1	1 1	1	f		104	1	1092
Judith Basin:	40	1	2 0 0	1	15	1	1	1	105		17
Lake	24		1	1	2	1	-		36		160
Lewis & Clark .:	15	1 1	1	1	5	#	-	9 1	17		000
Liberty	80	1		. 1		1 1	1 0	!	327		75
Lincoln		1	1	1111			***	1	170		400
Madison	22		1	1 1	~	1		* *	53		1 5
McCone	56	1 1	1 1		14	ŧ	-	1	274	-	315
••										•	1

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

	***			Estin	lated Plan	t Residue	Estimated Plant Residue From Harvested	sted			
state and county	Barley	Corn	: Cotton	Grain sorghum	: Oats	Rice	Soybeans:	Sugar- beets	: Wheat	Other 1	Total
					000	000 Tons					4
MontanaCont.											
Meagher	: 14	1	\$ 1	1	1		1	1 3	6	1 1	23
Mineral	<b>-</b> .	!		1	92 0		1 1	1	-	1	2
Missoula	e :	!	1	1	2	\$ 8 1	1 1	1	• σ	1 1	71
Mussellshell	e .	1	1 1	1 1	2	1	1	1	35		07
Petroleum	7	1	1	1	-	1	1	*	9	1	==
rullips	53	1	1	-	80	1	1	1	169	1	230
porder by	218	8 2	1	-	9	-	1	1	423	1 1	149
rowner naver	7 0	1	1	1	2	1	1 1	1	99	***	09
Fowell	01	1	1 1	1 1	5	3 1		1	2	1 1	14
realfie		-	1		9	9 8	1 1 1	8	78	-	96
Diskied	71	-	1	*	<b>-</b>	1	1	-	9	1	18
possessit	70	-	!		: 33	!	1	28	235	9	357
Docobus	0 7 =		!	1	= 1	1	-	1	456	2	515
Sandoro	<b>1</b> 7	<b>-</b>	!		,	1	1	C	63	-	89
Short den	0 0	11	1 1	1	→ ;	1 1	1 1	1 1	7	1	25
State born	67	1	1		13	1 1	1	1	435	-	478
Silver bow		! !	!	1	<b>-</b> ,	!	1 1 1		-	1	-
Stillwater	10	1	!	!	en :	1	9 0	9	167	1	189
Toton	12	1	!	1	7	1	1	1 1	10	1	24
Toole	180				7 6	1	1	1	310	-	995
Treasure	) )	1	į		۰ ۳	*	!	1 1	366	1	248
Valley	7 7	c			1 7	† † †	Mar may may	10	17	-	34
Uhoorland	2 -	4	]	\$ 1	77	***	1	1	361	1	423
Halkana	7 7	1		1	<b>x</b> 0 (	1	***	!	22	1	43
Wilbdux	91	1 1	1		7	1	1	-	85	1 1	105
part.	7 7	1	!	1	7 .	1	00 mm of	29	173	_	251
ratk	71	7:	:	1	1 : \	die een die	1	1	39	1 1	54
Unallocated 2/:	P 0100	= :	1	1	1 :	9 9		1 1 2	16	9	36
State total .:	2250	41	2 2 2	1	258	8	!	116	0998	33	11357

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

•				Estima	ted Plan	r Residue	Estimated Plant Residue From Harvested	ested			
State and County :	Barley :	Corn	: Cotton :	Grain	oats	Rice	: :Soybeans:	Sugar- beets	Wheat	Other:	Total
***						Addition of the other particular and the other					
••	; ; ; ; ;	1	9 9 1 1 8 4 2 4		000	-000 Tons				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	f I
Nebraska :											
Adams	1	479	1	79	6	1	W		d		* (
Antelope	-	429	1		. 91	!	י נ		70	1 -	/ 60
Arthur	!	-	1	· ;	2	1			4	71	491
Banner	-	က	1 1	!	2	1		-	11.5	(	
Blaine	+	14	i I	1	4	1		₹ ;	140	n	155
Boone		384	-	19	28	1	7		1 0	-	14
Box Butte:	m	58	* •	100	7	!	. !	3.1	105	100	448
Boyd	4	47	-	12	. 9	1		10	107	07	30 0
Brown	1 1	133	1 8 2	: -	2 -			0 t 00 t	ח	1	82
Buffalo	1	763	1	29	, ~	1	13		3.0	1	135
Burt	1	420	1 8	00	12		91		7.30	1	842
Butler		450	1	98	13	1 1	30.	9   a   a	404 75		76
Cass	-	210	8 00 0	99	(	1	25	1	2 08		000
Cedar	. 4	203	1	5	59	1	29	!	-		4100
Chase	-	344	1	5	1	1	1	16	118	0	
Cherry:	1	36	are one age	1		1	1	2 !	-		492
Cheyenne	1	20	1	1	S		1	***	4 6 7 8		ñ :
Clay	1	528	90	115	-	1	7	•	2,4	0	(2)
Colfax	!	281		8	17	1	39		† V	1	70
Cuming	1	396	1 1	r	30	1	80	1	75	,	200
Custer	-	537	alling days days	4	5		1	1		l W	780
Dakota	-	191	1 1 2	~	14	1	28	!	83	1	00.
Dawes	4	4	-	1	9	1	: :	1 1	3 0	î i	)1( )0
Dawson	!	825	1 1	4	~	1	-	4	10.0	i	32
Deuel		33	1	1 1			'    -	۰ د	172	-	1029
Dixon	<b>-</b>	184	9 9	2	36	1	27	- 1		4	7 7
Dodge	1 1	488	1	10	7	1	75	9	1 2	1	751
Douglas	1	147	1	3	· m	1		1 1	10	1	709
Dundy	1	245	-	12			7 1	1 1	01	1 -	176
***										₹	) 154
••											
See footnotes at end of table.	of table.									Con	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

State and County				Estima	ted Plan	Residue	Estimated Plant Residue From Harvested	sted			
	Barley	Corn	: : Cotton :	Grain	: Oats	Rice	Soybeans:	Sugar- beets	. Wheat :	Other;	Total
					000	-000 Tons		00 00 00 00 00 00 00 00 00 00 00 00 00			
NebraskaCont.											
Fillmore	1.	463	-	153	n	1 1	7	1	104	1	730
Franklin	!	200		20	-	1 1	. ~	1	87	) J	300
Frontier		214	!	22	-	1	'	1	211	-	000
Furnas	-	153	1	37	1	1	100	1	128	<b>-</b> !	976
Cage	! '	191	die en en	215	6	1	13	1	126		557
Cardial		32	1	1	-	**************************************		_	139	-	175
Conper	1 :	15	<u> </u>	1 7	1	1	1 1	1	1 1	1	37
Grant		C 47	;	1	1 1	1	1	1	34	1 1	294
Greelev	     	07.1	1	1 4	!	1	1	1	!	1 1	1
Hall	; <u>;</u>	798		ດເຼ	77		1	1	7	1	194
Hamilton:	!	808	1   3   1	71	-	1	10 °	1 7	17	1	837
Harlan	-	200	8 9	7 7	<b>→</b>	1 1 1	æ		27	***	666
Науев	1	96	*	י אי			1	1	72	1	315
Hitchcock:	1	113	***	7	1			1	117	<b>~</b>	219
Holt	<u>-</u>	989	-		89	1 1	]   		180	7	299
Hooker	1	-	1		1 1	# # #			<b>-</b>		101
Howard	1	339	-	5	2		3			!	<b>~</b> 33
Jefferson	-	146	!	137.	m	1	1 47		60	9	362
Johnson		53	1	77	3	1		1	37	     	385
vedthey	1	627	1	<b>38</b>	-	1	7	-	54	1	715
Vouceabo	-	103	00 to 100	-	-	1	1	16	157	α	286
Vimboli	٠,	S	!	~	7	!	1 1	1	-	1	26
Nimball	<b>→</b> \	4	1	!	-	1	1 2	3 3 5	269	91	200
Knox	9	210	1	=	69	1	. 7	1	5.5	70	200
Lancaster	¦ ′	82	1 1	242		1	15	1	165	•	200
Lincoln	<b>-</b>	381	9 9	7	-	{	1	4	87	-	674
Logan		67		1 1	-	!	1	1	12	<b>'</b>	7.7
· · · · · · · · · · · · · · · · · · ·		31	B		-		1	1	•	1	24
											76

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	Cotton :	Grain	Oats	Rice	: Soybeans:	Sugar- beets	Wheat	Other:	Total
94 44			5 5 5		000 Tons	suo,					
						1					
NebraskaCont.											
Madison		468	thing again hand when game	12	24	1	51	8	7	7	562
McPherson	!	9	**************************************	10 00	**	1	# 1 0 m m	8 6	1 1		7
Herrick	!	581	!	7		1	7	1	=	-	603
Morrill		92	# # 1	1		!	1	31	19	34	225
Nance	-	215	1 1	37	₫.	1	e	1	25	-	285
Nemaha	+	154	1 1	34	. 7	1	45	9 9	70	1	275
Nuckolls	1	165	1	11	m	1	2	1 1	19	1	308
Otoe	1	172	1	9.2	4	!	35	1 2 2	78	1 1	384
rawnee	1	09	***	20	~	1 1	Š	1	38	-	154
rerkins	1	190	1	2	<del></del>	1 1	1	9	350	9	555
rhelps	1	73	1 1	19		1	-	-	37	1 1	692
Flerce		303	1	-	37	1 0	91	1	2	Ś	368
Flatte		: 555	1 1	58	21	\$ \$ \$	47	Mary dam upp	24	-	902
FOIR	1	433	!	144	5	1 1	12	1 1	38	1 1	629
Ked Willow	†	220	1	21	!!	ade uso and	1 :	2	155	-	399
Kichardson	1	308	80 mg -0	94	7	1 1	63	1	17	1	760
ROCK	1	2	1		1	000 Aw 100	1 1	1		1	87
Saline	des erro ess	214	1 1	141	2	1	6	1	122	1 1	491
Samplero	1 1	109	99 60 74	2 5	~ <	44	22	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	1	14.5
Scorra Bluff	-	101	4	22	י ע	1	103	1 .	80	1	809
Dienos.	•	200	1	1 1 1	7	6-00 mm	1 -	113	2	9/	372
Shortdan		076	t 2 3	133	o r	Million Apriles America	13		98	1 1 1	592
		000	4 1 1 1 1	1	•	1	1 -	1	108	0.	182
Stone		000	1 5	0	<b>-</b> <	1	<b>→</b>	1	17	1 1	156
Standard	<b>-</b>	30	NAME OF THE PARTY		7 7	1	1 6	14	<b>o</b>	01 -	99
Thaver	•	167		÷ 00 = 0	01		17	1	7		304
Thomas		067		133	7		কু	1	86	1 1	509
Thurston		267	:	7	37	8 1	07	! !		1	5.5
	,				ì		0	1	<b>→</b>	!	350
	- 4										

See footnotes at end of table.

Continued --

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estim	Estimated Plant Residue From Harvested	Residue	From Harve	sted			
State and County	Barley :.	Corn	: Cotton	Grain	Oats	Rice	Soybeans:	Sugar- beets	: Wheat :	Other:	Total
									•	; /-	
					Tons	Suo					1
New Hampshire :		,									
Belknap		1	1	1	# 10 mm m m m m m m m m m m m m m m m m m		1	1 2	1	1 1	1 1
Carroll	1	1	1	!!		8	1		100	3   0   6	
Cheshire	1		1000	1 1	1	\$ ?	!	1	1	1 1	-
Coos	1	-	1	\$ ?	.	1	1	1 1		1	
Grafton	-	1	-	90 90	1 1		1			1 1	- I
Hillsboro	1	1 1	-	1 1	*	1 1	1	1 1	1	1	10 to
Merrimack	-	1	1	1	1	1		1	1	1	! !
Rockingham	*	<b>~</b>	Was bette gass	1	1.	1	1	1	1		-
Strafford:	-	***	1 1	1	1 1	1	-	1		<b>40</b> - 40 - 40	→ j
Sullivan	1	1	1 5	1		1	1	1	1	1	
Unallocated 2/ .:	!	1 1	1	1 1	1 1	1	3 5	1	1		
State total .:	1	3	1	1 2	1 1	!	1 1	;	!	all use gg	~
,											7
New Jersey :											
Atlantic	1		1 8	1	**	\$ \$ \$	1	1		1	-
Bergen	! (	1	1	1	1	1	1 1	1	!	1	1
Burlington	<b>20</b>	19	E g	1	!	<b>t</b>	11	1	==	3	94
Camaen	1	7	1	1	em out an	1	\$ E }	1	-	1	2
Cape nay	1	<b>⊣</b> ç	!	1	delle elle diss	1			-	!	2
Fasex	7	0		1 1	1	1	S		12		30
Gloucester	5	7	1 1		1 1 1 1 1 1	t i	`	1	1 -	1	1 0
Hudson		.	1	į	1	1	4	\$ 1	4	2	77
Hunterdon		83		and our one	~	1			(	den enn nan	1 1
Mercer	en	17	1	1	7 1	} :	7 0	1	ກຸ	-	76
Middlesex		1	*	9 9	1		ט ט	1	C1	1 1 5	£ 4.
Monmouth:	2	35	1	-	. 1	1	η α		1.7	· -	00
Morris	1	80	!	1		1 1	ָ וֹ		3 -	-	00
Ocean	~	4	1		1				<b>→</b> !		<i>ک</i> ۸
**		٠								-	٥
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Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

	Total				1 1	71	29	11		18 8	296				:	35	7	199	7	41	30	2	1	6	38	<b>79</b>	1	1	89		-	<b>7</b> ,
	Other;				! ;		2 1 5	1 .	1	! -	117			1	!	1	1	1	1	1	\$ 8	#  - 	!	1	1		1 1	1 1	1	1	:	!
	: Wheat :				! !	17	<b>α</b>		;	<b>3</b> ~	108			!	1	1 1	2	302	2	17	12	1 1	! '	<b>,</b>	m -	7	***	!	7	<b></b>	-	đ 3
sted	ar- ts			1				1 1	1	-	1			!	  -  -	1	1 (	7		1 1 1	1	t 1 1	\$   1   1					‡ 1	B 8	! ! :		
Estimated Plant Residue From Harvested	Soybeans:			!	0	۳ ت	֓֞֝֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	1	-	•	58			400 400 400	!	1			1	!	# cp	à 6	1 1 1 1 1 1	1 1	1	1					1	
Residue	Rice	lons		!		1	1	1	1 1	1	1			1	!	1	5	1	t 1 1	1	1			1	1	1 1	1 1			!     !	* * *	
ed Plant	Oats	Tons-		1	1	1	1	-	2	5	7			1 1	1	1	1	!	1	1 !	1 1			!	1	.	1	1   1  - 1	- 1	1	į	
Estimat	Grain :			. We do up	1	1	1	*	1 1	1	!		ļ				151	· ·	1 m		. 6		. 2	24	31			65	1 1 1	1	1	
	Cotton			1	1	9	1	!	!	!	f 1				01	2	1	!	71	10	) ;	1	\$ ;	2	2	1	-	5	1	*	-	
	Corn	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	. 31	19	=.	1	73	1	373		2 1	1	_	٠	191	:	1 1	-	1	1	1	9	21	1	1	-	3 2		-	
	Barley:			1	12	2	1	1	~		38		1	1	=	1	21	1	7	ńΟ	1 1 5	1		e	9	\$ 1 2	-	12	2 2	1	~	
	State and County :		New JerseyCont.	Passiac	Salem	Somerset	Sussex	Uniton	•	Unallocated 2/ :	State total .:	New Mexico :	Bernalillo:	Catron	Chaves	Colfax	Curry	DeBaca	Dona Ana	Eddy	Grant	Guadalupe	Harding	Hidalgo	Lea	Lincoln	Los Alamos	Luna	McKinley:	Mora	Otero	** **

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimate	ed Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley	Corn	: Cotton	Grain	Oats	Rice	: :Soybeans:	Sugar- beets	: Wheat	: Other	: Total
					000 Tons	Tons					
New MexicoCont. :					,						
Quay	-	1 1	1	11	1	1.		1	84		96
Rio Arriba	-		1	!	1	1 1	1 1	1	en	1	. 7
Roosevelt	-	38	2	123	1	1	1	1	79	14	257
Sandoval	* *	<b></b>	-	1	1	1	!	1	1	1 1	-1
San Juan		2	***************************************	1 1 1	1 1			1 1	_	1 1	7
San Miguel		1 2 2		!!!	!!!	1	1 1	1 1 2	-	!	-
Santa re	<b>-</b>	1	1	*	1	1	1 1	1	2	Aller quo suap	m
Sterra	1	1	Min que que	-	1	1	1	1	-	1 1	) (
Socorro	1 1		1	-	\$ 1 1	1	ł	1			1 0
Taos	<b>~</b>	1	1	1 1	1	1	1	1	1	1 4 2	. –
Torrance		10		1 1 1 1	1 1	1	1	1	7	1	14
Union	'	42	1	11	1	1	1 1	1	16	100	69
Valencia	-	t 1	date and ever	* * *	1	1	1	40 00	~	1	, ,
Unallocated 2/	1	ភ	1	1	1 1	1	1	1 0	1 1	peti	4 9
state total	72	319	65	434	1	1 1		2	558	15	1450
New York					. ~						
		,									
Allogon	-	01	1	1	-	1	1	!	_		12
Broome	T :	71	1 1	1 1	14	-		!	2	1	29
Cattarangus	1	200	1	1 1	5	der um op	\$ t	i i	'	1	18
Cayuga	2	157	BEEN WARP COMP	8 6	7		Quan symm rapp	1	- 2	; f	28
Chautauqua	1	24	1 1	1	56 2	1	1 1		07	` `	218
Chemung	1	14	1 1	1	മറ	1	1	1	7 (	4	TE :
Chenango	1.	16	WIRE offer have	1 1	י) ני	9 6	!	1	<b>,</b> –	; ; 1	19
Clinton	1 1	2	1 1	-	Ω F	1	1 1	İ	→ 1 1	1	22
Columbia	-	35	2 2	1	٦ ،	1 1	1 1	å i	,	1 ~	<b>~</b> 7 (
Cortland	1	20	1 1		4 (	200 and dis-	8 0 0	1	4	-	40
Delaware	1	10		1 1	0	9 5 6	1	- 1	<b>+</b>		27
											0.1
••											

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Rotina	a post			,			
State and County				ESCIMA	red Plant	Kesidue	estimated Flant Residue From Harvested	sted			
	Barley:	Corn	Cotton	Grain sorghum	: Oats	Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other:	Total
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		000	000 Tons					
Spending Vork Continued											
Dutchess	1	27	;	. 1	c				-		
Erie	.5	48	disp your edit	.]	7 [	]		) ) (	- 9	; ·	30
Essex	-	-	1	***************************************	; ;	1 1		1 1	- 1	ן ר	4/
Franklin	-	~	8 8	1	2	1 1	1		• 1	1 1	7 (
Fulton	-	7	1	1	-	1	1 1	1	* 1	!	יט ר
Genesee	7	123	1	1	20	!	1	1	77	7	196
Greene	1	7	1	.	1	1 1	1	3 8	-	1	2
Hamilton	-	1	1		1 1	1	1	1 1	:	1 1	1
Herkimer		17	•	1	6	!!!	**	1	1	1 1	36
Jefferson	-	76	1	1	25	1	2 2 2	1 1	-	1	97
Lewis	!	=	1	1	-		!	1	' ¦	1	52
Livingston:	2	142	!	1 1	÷ 26	1	!	1	57	-	77
Madison	<b>-</b>	67	1 1	!	97	1 1	!	1 1	-	1 1	226
Monroe	-	63	1 1	!	16	1	!		33	,	69
Montgomery	!	39	1	1	0 7	1			<u>ئ</u> ر	•	123
Nassau	1	1 5	1	1	01	!		1	ן ר	9	52
Niagra		69	!	!	9.			\$ 2 2 2	25	<u> </u>	1
Oneida:	1 1	48	i		0,		† !	1	۲,	!	104
Onondaga	7	76	1		7.7	1	1	1 1 1	ין ר	!	68
Ontario:		110	;	i	77		1 1	1	71,	<b>-</b> •	1111
Orange:	1	17	!	1	32		1 i	1	<b>4</b> 1	×o	199
Orleans	1	68	1	.	13	1			3.0	, ,	17
Oswego		19	1	1	12	1 1	-	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	۲ ر	7	111
Otsego	5	17	1	į	7 (		4	1	7	!	24
Putnam	1 1		!	. 1	77			1	1	!	29
Renssel aer:	1	33	1		,		1	1	"	1	_
Rockland:	1 9	}	1		7		!	-		!	35
St. Lawrence:	1	8			1	* O	!	1	+	1 1	1
Saratoga:	1	3,6		1. i	4	!	i i	1 1	!	1	22
•		2	<b>1</b> 1 1	1	7	-	!	1		1	18
***											
See footnotes at end of table.	f table.									č	4.4

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estima	ted Plan	Estimated Plant Residue From Harvested	From Ha	vested			
State and County :	Barley	: Corn	: Cotton	Grain sorghum	Oats	Rice	Soybeans:	: Sugar- beets	. Wheat	Other:	Total
08 00	1 1				000	.000 Tons					
••											
New YorkContinued:											
Schenectady	1	2	1 1	9 1	1	\$ \$ \$	1	1	1 1	1 1	2
Schoharie	-	56	1	000 opp gas	2	1	1 1	!	7	# B 3	29
Shuyer		14	1	* *	1	1	1	1	7	1	26
Seneca	-	57	1	1	27	8 8	1	!	26	2	113
Steuben		34	1	1 1 6	43	1	1 1		13		92
Suffolk:	***************************************	1	1 1	1 1	1 1 2	1	1	-	2	7	6
Sullivan	1 2	7	1	1	1 1	***************************************		1	1	1	7
Tioga	1	16	-	-	9	1	1 1	!	-	1 1	23
Tompkins	-	34	1	-	11	1	2	1	7	7	56
Ulster	1	6	1	1	1 1	***	1 1	1	-		10
Warren	1	1 1 1	1	1	1 1	1 1 3		!	1 1	1	1
Washington	\$ 9 1	35	1 2 1	1 1	7		1	1	1	!	38
Wayne		74	1	1 1	13	1 1	1 1	1	19	4	111
Westchester	1	<b></b>	1	8 8	1 1	1 1 2	1	1		1	-
Wyoming		70	1	8 5 1	24		1	1	15	4	114
Yates	2	48	1	1	12	9 9 00	* *	1 1	22	· (r)	87
New York City :	1 1		-	!	1		4 9 00	!	1 1	1	
Unallocated 2/	٦.	ന	†	1	m	-	e	1	!	m	14
State total :	22	1813	1	# # #	476	1 1	7	1 1	411	9/	2804
N C C C C C C C C C C C C C C C C C C C											
not calletting	ć	¢		,	(		í				
Alamance	<b>~</b> )	3.3 0.0	!	<b>-</b>	7	1	2	1 1	10	1	54
Alexander	-	27	8 8	1 !	~	1 1000	-	\$ \$		ľ	12
Alleghany	1		*	1 2 1	!	1 1 2	1	-		1 1	-
Anson	1	14	-	10	2	1	15	1 1	7	1	45
Ash	1		-	***************************************	1	8 8	9 00 00	1	1	1	-
Avery	-	1	1		1	1	-	1	1	1	1
Beufort		217	# ! !	1		1	56	1 1	10	-	286
Bertle	1	159	1	1	the state of		19	1	4	35	213

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

	Total	. † †		140	65	5	ν σσ	07	18	136	251	29	77	6.7	1 4	00	۳ ۳	7. 7.	212	105	107	129		28	7 6	279	27.2	756	23/	63	21	17 04	
	Other; $\frac{1}{1}$ ;	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		7	. !	***************************************	1	-	9 9	1	1 1	1	1 1	1 1	1 1	13	:	i	~	· ¦	6	1	1	1	!	!	76	† 1 7 1	i	1		14	
	: Wheat			-	1 1	1	1	7	-	13	1 2	10	7	. m	2 4	-	'	=		2	7	12		œ	φ	· (*)	,	9 40	, ~	15	, .	-	
sted	Sugar- beets			1 1	1	1	1	1 1	1		1	1	1	1	1 1	1	1	1	1 1	1	}	1 1	1	1	1	1 1	1	1	1	-	1	1	
Estimated Plant Residue From Harvested	: :Soybeans:			23	6	1	-	9	-	24	9	-	7	9	1	91	1 1 2	15	70	21	27	21	1	4	2	77	-	20	-	15	3	13	
Residue	Rice	ons		9 9	1	1	1	1	1	1	1	1	1 1	1	W	1 1		10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1	\$ 5	1	1	1	1	-	1		1	2 1	1	1 1		
d Plant	Oats	000 Tons			\$ \$		1	٣	1	-		-	2	-	1 1	1 1	1 1	e	-	1 1 1	-	1 1		c	-	-	~	-		<b>-</b>	-	1 1 1	
Estimate	Grain ; sorghum ;			\$ 1 1	1	!	1 1	2	One-was some	1 1 1	1 1	1	-	2	1.	1 1		7	-	!	1	1 1	# #	2	!	1 1	-	7	1	2	-	1 1	
	: Cotton :			-	1	!	1 8	1	1	1 !	1	1	1	!	1	-	-	2	1	!	-	1	1 1	1	!	i !	1	2	1	1	1 1	!	
	Corn			108	99	6	9	19	15	86	15	91	23	31	9	62	9	17	167	82	71	96 .	1	29	17	231	9	506	15	28	7	89	
	Barley :			†		1	1 1	- m	~	1	1	-	7	2	1 2 2	<b>.</b>	-	4	1		-	1 1	1 8 9	æ	4	1	7	7	-	-	7	1	
	State and County :	• •	N. CarolinaCont.	Bladen	Brunswick	Buncombe	Burke	Cabarrus	Caldwell	Camden	Carteret	Caswell	Catawba	Chatham	Cherokee	Chowan	Clay	Cleveland:	Columbus	Craven	Cumberland	Currituck	Dare	Davidson	Davie	Duplin	Durham	Edgecombe	Forsyth	Franklin	Gaston	Gates	••

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

			No. of the second secon	Estimate	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton	Grain	Oats	Rice	Soybeans:	Sugar- beets	. Wheat :	Other:	Total
	0 0 0 0 1	\$ \$ \$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		000 Tons	Tons			# 00 00 00 00 00 00 00 00 00 00 00 00 00		
N. CarolinaCont.											
Graham	1 1	1	e e e	1		1	1	1	1	1 1	
Granville	<b>-</b>	27	1	-	1	1 1	7	1	00	1	41
Greene	2	193		1 1	4	1	80	1	2	1	209
Guilford	7	35	8 8	9	_	1	9	1	91	1 1	63
Halifax	-	121	'n		2	1	22	1	2	48	202
Harnett	e e	74	~	-	1	-	26	1	9	-	112
Haywood	1	<b>-</b> ;	1	even quie com	1 1	9	1 1	de monte	1	9 9 9 17 17 17 17 17 17 17 17 17 17 17 17 17	
Henderson	1	19	1	-	1	1	1 2 4	1	-	1	19
Hertford	!	71	1 1	1	100		6	1		25	106
Hake	-	10	2	-	-	1	15	1	2	3	35
Hyde	1	135	1	-	1 1	8	25	1	7		168
Iredell	•	30	dress values diago	\$ 1	5	. ‡	7	1 1	10	1	58
Jackson			1 1	:	1 1 1	1 1	1 1	1	1	-	-
Johnston	2	265	1 1	-	2	* * *	41	į	8		320
Jones	-	79	1 1	!	1 1	1	15	1			95
ee .	<del></del>	80	1	1	-	1 1	7	1 2 4	1	1	15
Lenoir	!	197	1	1	-	!	20	1	2	1	220
Lincoln	50	12	1	-	2	1	6	1 1	9	1 1	35
Macon	!	2	1	1		1 1	1	1	1 1	1 1 1	2
Magison	! !	9	1	1 1	1	1	1 1	1	1	1 1	9
Mohoroll		114	!!!	1	1 1	1	19	1 1	~	25	159
Mooth orbits	1	ω,	epilo depi	; •	1 1	1	1	ar am an	1 1	+	5
Mecklenburg		, ,	1		. 7	1	2	1	5	1	14
ritchell		(		1 1	1 5	1	1	1 1	* *	***	7
Montgomery	1	<u> </u>		**	-	8 8	. 5	1	7		21
Moore	1	10	1	40 m		1	4	1 5	m	2	26
Nash	m	104	-	gas 00 mg		1	18	-	13	-	140
New Hanover	1		1 1	1 1	1 1	1	_		ļ ļ	1	4
North Hampton	1	112	5	-	1	!	14	1 1	2	54	188

•• • • • • • • • • • • • • • • • • • •				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton	: Grain : sorghum	: Oats	: Rice	: :Soybeans:	Sugar- beets	. Wheat :	Other:	Total
10 00	\$ \$ \$ \$	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 9 8 9 9 9 9		000 Tons	Tons		8 8 8 9 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-
			•								
Onslow firsters		68	9 9 9	3 8	i		16	1	-	1	85
Orange	7	21	1		2	9 09	E	1 1	<b>3</b>	S	77
Pamilico		34	1	1		1	91	600 000 000	9	1 1	99
Pasquotank	-	96	1	m	-	1	33	1	14	1	146
Pender		09	!	1	1	1	15	1		-	11
Perquimans		112	1	!		1	33	1	<b>&amp;</b>	9	191
Person	-	28	1 1	-	-		-	9	15	1	97
Pitt	-	235	1	. <b></b>	!	1	36		2	-	275
Polk	1	4	1	1	1 1	1 1	-	1	1 1	-	S
Randolph	en	65	1	. 2	3	1	9	1	15	1 1	96
Richmond	-	9		1 1	2	1	4	8 8	က	4	20
Robeson	-	233	9	-	-	1	7.1	1	2	3	321
Rockingham	-	21	-	7	-	1	3	1	11	999 970 98	38
	. 11	33	1	2	2	1	13	1	17	1	81
Rutherford	1	12	1	-	}	1	3	1 1	9	1 1 5	19
Sampson		274	2	-	-	1	41	1	7	-	325
Scotland	·	=	5	1	-	1	10	1	-	3	31
Stanley	11	37	-	16	5	1.	20	}	17		106
Stokes	1	21	!	1	-	1	-	1	7	1	27
Surry	-	39	5 5	40 an	1	-		1	7	1	45
Swafn	1	1	1	*	-	1	\$ \$ \$	die ole oue		-	1
Transylvania		æ		1 1	!	1	ann man ann	1 1	1	1	ထ
Tyrrell	1	94	1	1	1	1 1	15	!	2	1	63
Union	e	94	1	94	e	1	949	1	19		163
Vance	-	9	1		-	1 1	9	1	80	1	23
Wake	en	38	1 1	-	9	1	17	1	19	-	81
Warren	-	12	90 000 000	2	-	1	8	1	7	1	28
Washington	-	159	1	9 8	1	1	31	1	9	S	201
Watauga		2	Albe case each		1	-	30	1	1	1	32
	•										
See footnotes at end of table.	of table.									သိ	Continued-

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

60 10				Estimate	ed Plant	Residue	Estimated Plant Residue From Harvested	ested			
State and County :	Barley	Corn	: Cotton :	Grain :	Oats	Rice	: :Soybeans:	Sugar- beets	. Wheat :	Other:	Total
00 04 04	9 9 9				-000 Tons-	rons					1
N. CarolinaCont.		4									
Wilkes	1 1	336 16	1	! !	- !	1 1	1 1	#	<b>10</b> -	1	344
Wilson	1	166	!	1 1	2		18	} } !	<u></u>	1 1	199
Yancey	4	56	1	9 20 20 20 20 20 20 20 20 20 20 20 20 20	2	1 8	9	1	14	1	78.
	6	ာထ	] !	5	3	1 1 1 1 1 1	1		contract oper contract		£ 52
State total:	120	5912	33	121	96		1191	1 1	473	301	8249
North Dakota		`									
Adams	7	1	1 1	1	1.5	1	1 1	1	136	۲	011
Barnes	179	5	the min con	!	3 2	1	! !		130	ר ני	108
Benson	105	1	*	!	22	1	1 1		420	18	007
Billings	4	1	-	-	5	* *	1 1	1	32		41
Roumon	96	1 1	1 1	1 1	34	1 1	-	1	426	35	591
Burke	9 0	1	The same again	1 1	18	1 1	49 000 40	9 6	130	!	164
Burleigh	35		1	9	01	1	1	3 1	234	4	267
Cass	180	22		1 1 1 1	15	! ! ! !	# I	36	216	15	324
Cavaller	251	1		!	17	1 1		0	504	77	743
Dickey	74	56	ţ ţ	1	04	1	0 0 0 0	1	178	47	365
	2	1 1	i   	-	_	1 1 1	1	1	304	-	321
	20	1	1 1	difficients starts	3e	1	1	1	126	1	172
Emnons	10	1	\$ 8 8	l 1 1	61	1	1 1		113	=	159
Foster	200	1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	/ 4/	1	1	1	232	35	329
Colden Valley	3 -	l I		40   40   40   40   40   40   40   40	61	1	-   	§ 1	181	12	241
Grand Forks	753		}	Many code adds	10	‡ †	1 1	1	133		150
Grant	623	n ~	# 1	1 !	36	-	!	21	59	12	384
	000	ר ו	† †	1 1	<del>*</del> :	1	1 1	1 1 1	134	4	184
	2		1 1 1		16	*			193	. 19	318

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

2 3 14 2 31 4 18 2 29 3 10 6 10 6 10 6 11 6 11 6 11 6 11 6 11 6	119 119 114 14 16 17
30	
: Wheat : : Wheat : : 142	217 182 182 148 206 43 149 215 282 282 383 343
Sugar- beets beets 27 27 27 27 27	96
Estimated Plant Residue From Harvested rain : Oats : Rice :Soybeans: Sugreyhum : Oats : Rice :Soybeans: Sugreyhum : Day	5
1 ant Residue  1 ts : Rice  2	
ed Plant Oats Oats 18 18 33 33 34 43 26 53 18 26 27 27 8	21 11 12 24 10 10 16 63 20
Estimat Grain sorghum :	
Cotton ::	
	1
Barley: 12 12 13 42 9 34 11 14 15 7 102 7 177 46 143 56	85 63 48 21 4 4 13 163 179
County :	Richland Rolette Sargent Sheridan Sloux Slope Stark Steele Stutsmon Towner Traill

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

·				Estima,	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain	Oats	Rice	Soybeans:	Sugar- beets	. Wheat	Other:	Total
	9 9 1 1 9 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tons	Tons		1			1
North DakotaCont:											
Walsh	252	1	1	3 9 1	29	1	2 2	97	260	7	80%
Ward	36	1	1	1	67	8	3 3		536	12	469
Wells	06	-	9 8 9	!	19	1	1	1	408	32	550
	18	!	1	1	18	1	# # # # # # # # # # # # # # # # # # #	7	463	9	512
Unaillocated 2/ . !	. damb vacor corto	20	1	1	19	1 1	1	B44 000 000	450	123	635
orace total	3358	307	1	-	1348	!	104	257	14674	805	20853
Ohto :		-									
Adams	1	00			-						
Allen		79	1	1			æ	1	11	1	102
	1	241	-	1	12	000 min min	73	-	95	1	422
Ashtahula	1	, 161	1	-	22		11	1	07	the eur ope	234
Athens	***	73	1	00 oc 00	16	1	2	1 1	11	1	102
Anglaiza	1	20	1	1 1	1	1	and one offer	1	1	1 1	20
Be and	!	301	† 1	1	23	!	78	-	89	!	491
Brown		56	1	‡ 1 1	9		alter ann and	1	2	1	32
Butler	1	98	1		1	1	39	1 1	15	1	152
Carroll	! "	181	1	1	2	1	26	1 1	27	1 1	236
Champalen	<b>→</b>	45	1	1	10	1	1		10	1 1	63
Clark	!	403	1	1	-	1 1	09	1	19	1	541
Clermont		31/			en .	1	63	1 1	58	. [	441
Clinton		41	1 6	10 10	!	1	30	1	7	!	78
Columbiana	1 (	341	l l	1	m	1	62	1 1	67	!!!	455
Coshocton	7	68	1	1	15	1		1 1	17	10 10 10 10 10 10 10 10 10 10 10 10 10 1	123
Crawford	1 1	132	1	# 	<b>&amp;</b>	\$ 1	-	dia esta dia	13	ļ	154
Cuvahora	1	249	1 1	1	14	1	99	1	79	1	408
Darko	E- 10- 65	1	1		1		1	1	1 1	1	1
Daffance	***************************************	250	1		12	1	135	1	1117	-	814
•	1	127		i	. 13	1	67	!	105	!	312
Teldware.	***	182	1	date man man	7	1	79	1	50	1	303
> 41											2
See footnotes at end of table.	of table.										

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

10 00				Estimat	ced Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain ;	Oats	: Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other;	Total
	9 2 2 1 1				000 Tons-	Tons		1	1 1 1 1 1		!
OhioContinued								,			
Erie	1	121	1	1	4	1	25	7	38	9 9 9	190
Fairfield	1	245	1	Man and and	4	1	37	1 1	42	1	328
Fayette	1	307	1	ļ	4	1	98	!!	2	1	795
Franklin	-	181			n	1	65	1	42	1	291
Fulton	1	412	1 2	9 9	6	1	71		11	-	570
Gallía		28	1 1	!!!!	1	1	1	1	-	1 2	29
Geauga		20	1	1	7	1 1	1	1 1	2	1	30
Greene	1	281	-	!	1	1	38	1 1	35	1	354
Guernsey	1	28	1	8	2	!	!	1	2	1	32
Hamilton		23		1 1	!		c	1	3	* *	29
Hancock	1	350	1 1	1 1	12	1	143	10	187	1	702
Hardin	-	316	1	* · · · · · · · · · · · · · · · · · · ·	19	1	115	8 9	127	9	577
Harrison	-	18	1 1	1 1 1	6	1	1	1 1	1 1	440 100 000	21
Henry	-	345	ľ	1	12	1	100	9	141	1 1	909
Highland	-	215		1	2	1 1	99	1 1	78	!	321
Hocking	-	19	1	!	1	1	2	1 1	e		24
Holmes	-	113	1	1 1	19		1 1	1 1	28		191
Huron	-	265	1	-	19	1	77		16	1 1	453
Jackson		27	1	1	-		2	1 1	. 2	1	31
Jefferson	-	=	!	1 1	-	1	1 1 1	1	e	-	16
Knox		184	!	1	12	1	18	1	35	1	250
Lake	!	7	1 1		1	1	-	1	1	1 1	7
Lawrence	1	10	!	1 1	1	1	1	1 1	1 1		10
Licking	1	211	!	!	9	\$ 1	45	1	43	1	305
Logan	!	279	1		12	1	62	1	99	3 8	604
Lorain	-	85	1 1	!	11	1	31	1 1	28	1	156
Lucas	1	901	1 1	***	3		87	9	35	1	198
Madison	-	410	ŧ ŧ	!	S	\$ 100	96	!	65	1	576
Mahoning	-	<b>63</b>	-	1	7	1	92	-	14	-	85
	•••										
See footnotes at end of table.	of table									Con	Continued-

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 .-- Cont.

				Estima	ited Plant	Estimated Plant Residue From Harvested	From Harv	ested			
State and County :	Barley :	Corn	: Cotton	: Grain : sorghum	Oats	Rice	: Soybeans:	Sugar- beets	. Wheat :	Other: 1/1:	Total
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000	-000 Tons	8 8 9 1				
OhioContinued											
Marton		261	1	1	12	1 1 1	89		126	1	7.00
Medina		70	1	de ade que	13	1	10	1 1	20		113
neigs	-	24	!	1	-	estign quary areats	-	1 1	2	1	26
Mercer	1	. 361		1	39	1	101	1	105	!	909
Monroe		307	1	-	80	-	78	1 1	86	1	480
No and	!	20 1	1	1 1	-	1	App. com easy	1	1	1	
Morgan	1	156	1	1 1		1	51	1 1	1	!	208
		14	1	1	1	1	-	*** **** ****	1	1	14
Mustralia		129	1	1	. 13	1	40	1	31	1	213
oldon		900	1	1	m	1	2	1	10		95
Ortage	!	ال و	***		1 1	!	1	1 1	1	1	6
Paulding		103		1	7	1	57	=======================================	99	1 1 1	212
Perry		193	!!!	1	23		6/	1 2 2	112	1	407
Pickaway		364		1	1 4	the same con-	7 0	1	16	1	75
Pike		400	1 1		^ <del>-</del>	age of the same	0 %	1 1 1	78		537
Portage	-	75	1	]	111		14	!	<b>∞</b> !	1	89
Preble	-	708		1 1	11	9	7 11	1 0	17	•	107
Putnam	-	300	400 our 128	#	12	1 1	126	72	54	1	095
Richland		151	1 1	99 000	91	1	23	<i>c</i> *	145	1	581
Ross		212	†	1	2	l i	4.5		0.7	î î	250
Sandusky	1	238	was can ent	3	11	mile der ein	78	29	, 05 8	1 8	700
361000	-	36		1	1	***	11	1 1	7		404
Seneca	-	285	1 1	!	25	400 can gree	1111	6		٦	777
Stortb		276	1		19	1	78	1	89	1 1	647
Straint F		148	1	9 9	17	1	5	*	32	***	203
Transport of the state of the s	1	= 1	1	1	2	1	1	top our our	m	1	ξ <del>-</del>
Tuecaramae	-	56	1	!	6	1 1	e,	1	9	1 1	77
tuacat awas	1	1/	day no and	Date	7	1 1	3	-	14	1 1	95
											i 1
See footnotes at end of table.	of table.									Cont	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County	Barley	Corn	: Cotton :	Grain ;	Oats	Rice	Soybeans:	Sugar- beets	: Wheat :	Other : 1/ :	Total
					Tons	ons	1 1 2 3 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	\$ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	. 1
OhioContinued											
Union	1	251	1	!	12	90 -00 90	86	1 1	81	1	430
Van Wert	1	341	1	-	18	1 1	123	-	117	1	009
Vinton	1	12	!	1	-	1		1	10 10	1 1	12
Warren	!	147	1	;	-	!	37	1	18	9 50 00	203
Washington	!	20	!	1	1	1	1	1	7	1 1	54
Wayne	en .	252	1 1	9	28	1	7	1	949	1	336
Williams	!	211	1	1	12	1	56	1	100	-	379
Mood poom	-	439	1	†	27	-	142	œ	245	-	862
Wyandot	!	278	!	1	11	1	82	Ì	111	1	482
Unallocated 2/ .		!	-	1	1	9 -			1	83	10
State total	25	14654	!	12	732	1	3597	111	4126	13	23270
0k1ahoma											
Adair	1	1 1	1		-	1	9 9	1		1 1	-
Alfalfa		1	1	2	-	1	1		473	1	477
Atoka	: :	-	1	-	-	1.	1	1 1	-	5	6
Beaver	 ن	1	1	34	-	!	1	1	209	1	254
Beckham		-	14	20 ·	1	1	1	1 1	100	2	137
Blaine	ي.		1	9	3	1 1	!	1	307	-	322
Bryan		7	13	in (	<b>m</b> :	1	S	1	<del>ر</del> ر	17	48
Caddo	5	1	۰ و	33	en :	1 1	1	1	345	72	763
Canadian	. 24	-	<b>→</b>	×3 ·	5	1 1		1	390	9	430
Carter	!	1	-	-	-	1	1	1	2	2	9
Cherokee	-	1	1 1	1 1	<b>-</b>		9	1	1	1	-
Choctaw	!	;	1		9 9	1	7	1	1	1	\$
Cimarron		51	-	$12\overline{2}$	1	1 1	-	1	116	1	289
Cleveland	<b>-</b>	1	1	SO +	<b>~</b>	1	-	1 1	20	1 1	28
Coal	1	1	1 1	<b>-</b>	1	1 1	1	1 1	1	1 1	7
Comanche		1		4	e	1 1	1	1	106	3	118
										ć	

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

. Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

nty : Barley : Corn : Cotton : Grain : 0  i. cordina : c	Grain ; sorghum ; sorghum ; 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Ton Ton	i Soybeans;  6  2  13  13  15  16  10  10  10  10  10  10  10  10  10	Sugar-; Wheat beets; 32 22 22 22 22 22 22 22 22 22 22 22 22	6at; Other;  5 22 4 3 22 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3	Total  20 39 16 17 4 4 30 212 27 27 4 8
OklahomaCont.  Mayes	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2	6 13 13 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10			20 39 116 17 212 27 27 27 48
OklahomaCont.       6         Mayes       1       6         McClain       1       6         McIntosh       1        1         Murray       1        6         Murray       3        1         Muskogee        1        5         Noble       3        2         Noble        1        2         Oklahoma        1        2         Okrawa        1        2         Pawnee        1        1         Pottawa <td>17288776</td> <td>7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1</td> <td>13   13   5   13   5   13   13   14   15   15   15   15   15   15   15</td> <td></td> <td></td> <td>20 39 16 17 17 212 27 27 48</td>	17288776	7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	13   13   5   13   5   13   13   14   15   15   15   15   15   15   15			20 39 16 17 17 212 27 27 48
OklahomaCont.       1       6         Mayes       1       5         McClain       1          McLatain        1         McIntosh        1         Murray        1         Muskogee        1         Noble        1         Noble        2         Noble        2         Oklahoma       2          Oklahoma        1         Okmulgee        1         Okmulgee        1         Okrawa        1         Pawnee           Payne           Pottawa           Pottawa           Pottawa           Pottawa           Pottawa           Pottawa           Pottawa           Pottawa           Pottawa </td <td>17288226</td> <td></td> <td>6 13 1   1   5 1   1   5</td> <td></td> <td></td> <td>20 39 16 17 17 212 27 27 48</td>	17288226		6 13 1   1   5 1   1   5			20 39 16 17 17 212 27 27 48
Mayes       1       6         McClain       1          McLain        1         McIntosh        1         Muray        1         Muskogee        1         Noble        1         Noble        1         Noble        2         Oklahoma       2          Oklahoma        1         Okmulgee        1         Okrawa        1         Pawnee        1         Payne           Pottawa           Pottsburg			6 13 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10			20 39 16 17 17 212 27 27 48
McClain       1 <td< td=""><td></td><td>1 1 1 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td><td>13   1   2   13   13   13   14   15   15   15   15   15   15   15</td><td></td><td></td><td>39 16 17 17 212 27 27 48</td></td<>		1 1 1 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13   1   2   13   13   13   14   15   15   15   15   15   15   15			39 16 17 17 212 27 27 48
McCurtain       —		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13   15   17   18			16 17 17 30 212 27 10 48
Murray 1 6  Murray 3 1 1  Muskogee 1 5  Noble 2 1  Nowata 2 2  Oklahoma 2 2  Okmulgee 1 2  Okmulgee 2 1  Pottawa 2 1  Pottawa 2 1  Pottawatomie 2 1	9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111111111111111111111111111111111111111	5   1   2   1   5			17 4 4 30 212 27 10 48
Muskogee 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 2 2 2 2 1 2 2 2 1 2 2 1 2 1 2 2 1 2 1 2 1 2 1 2 1 1 2 1 1 2 1	122882266151	11 11 11 11 11 11 11 11 11 11 11 11 11	15   15   15			30 212 27 27 10
Muskogee       1        5         Noble       3        1         Nowata        1        2         Okfuskee        1        2         Oklahoma        1        2         Okmulßee        1        2         Okmulßee        1        2         Ottawa        1        2         Pawnee        1        1         Payne         1        1         Pottsburg          1         Pottsburg <td>22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td> <td>11</td> <td>15   15   15  </td> <td></td> <td></td> <td>30 212 27 27 10 48</td>	22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	11	15   15   15			30 212 27 27 10 48
Noble       3        1         Nowata        1        2         Oklahoma       2        2         Okmulgee        1        2         Okmulgee        1        2         Ottawa        1        2         Pawnee        1        2         Payne         1         Pittsburg         3         Pontotoc         1         Pottawatomie         1         Pottawatomie         1	1 17 17 18 19 19 19	111111111111111111111111111111111111111	1 1 2 1			212 27 27 10 48
Nowata       1       6         Okfuskee       2       2         Oklahoma       2       2         Okmulgee       1       2         Osage       1       2         Ottawa       1       2         Pawnee       1       2         Payne       2       1         Patrsburg       2       1         Pottctotoc       3       1         Pottsburg       1       1	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2			27 10 48
Okfuskee       2         Oklahoma       2         Okmulgee       1         Osage       2         Ottawa       1         Pawnee       1         Payne       2         Pattsburg       2         Portotoc       3         Pottawatomie       2         Pottsburg       2	7758877	7	1   6		5 1	10
Oklahoma       2        2         Okmulgee       1        2         Osage        1        2         Ottawa        1        2         Pawnee        1        2         Payne         1         Pittsburg         3         Pontotoc         1         Pottawatomie         2         Pottawatomie         2	775887	4	1		37 3	87
Okmulgee       1        8         Osage       2       2         Ottawa        17         Pawnee       1        2         Payne       2        1         Pittsburg         3         Pontotoc        1         Pottawatomie        2         Potchmatch        2	17 17 1 1 1 1		<b>.</b>		2	2 .
Obtawa 1 2 Ottawa 1 17 Pawnee 2 Payne 2 1 Pittsburg 2 1 Portotoc 3 Portotoc 2 Pottawatomie 2	17 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7					_
Ottawa        17         Pawnee        2         Payne        2         Pittsburg           Pontotoc           Pottawatomie	727676		7			65
Pawnee       1        2         Payne       2        1         Pittsburg        3         Pontotoc        3         Pottawatomie        1	2 1 3 1 5		, 13		17	6.0
		-	*****	-		37
			1 1	7		. 75
			2	1		12
		1	1 00 E	1	1 2	5
•			-		16 5	25
	,	!	† 1		1	1
ROBER MILIS 4 2 13 1		-	1 1 1		91 1	112
NOUGETS 2			S		2	13
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_	1		1	3	8
			6	† !	2	. 12
		2	1	7	48 3	58
1 222	120	-		39	390	733
01		2	1 1	32	28 1	355
Tulsa 2	2	!	2	**	7	00
Wagoner 8	œ	97 mu an	43	2	22	73
Washington 1 1	1		-	1	3	٥
•• (						

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimate	ed Plan	t Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain sorghum	Oats	Rice	Soybeans:	Sugar- ; beets ;	Wheat:	Other:	: Total
					000	-000 Tons					
OklahomaCont. :											
Washita	en ·	1	23	31	2		1	1	272	3	334
Moods	-	1	1	7	-	1	1		323		328
Woodward	-	1	1 1	7	-	1	-	1	183	-	193
Unallocated 2/		_	2	13	-	1 1	4			14	42
state total:	124	310	122	702	95	1	195	1 1	8924	218	10691
Oregon :											
Baker	2	7	1 1	1	, <u>, , , , , , , , , , , , , , , , , , </u>	9	1		19	1	36
Benton	<del>,</del> ,	1		1	-	1	† † 1	1	62	94	110
Clackamas	o,	-		1	9	!	1 1	1	67	13	78
Clatsop	1	1	-		1	1	1	100	f 1	1	
Columbia	2	1	1	THE CO. THE	-	1 1	1	1 1	5	!	80
Coos	1 1	1	1	1	1 1	1 1	1	1	!	1	
Crook	Ŋ	!	1	-	2	1	-	day date com	14	-	22
Curry		-	-	1 1 1	1	-	1	1	1 1		
Deschutes	<b>,</b>	,( ·	1 1	1	-	8	1 1	1	7	!	7
Douglas	<b>-</b> ;	<del>-</del>	1	1	1 1	1	1	!!	7	1	9
Gilliam	21	1	1	4	1		1 1	1	204		222
uckant		£ £	!	f i	! •	99 90 46	-	1	-	1	-
Hood Rayor	11	t 1 :	f 1	ere des des		! 1 !	laye with date	*	-	9 .	19
Tarken Tarken	7				9	ann von enn	<b>!</b>	1	1	1	1
lefferen	, ("	1	ļ			1	9	‡ !	7	1 1	7
Togothan	ר י	ļ   		1	# #	1	1	***	107	2	112
Vacabiline	1 4	1 1	† ************************************	1	1 4	-	900 CH CAN	1	1	1	1 1
r dallath	or o	1 1	1	1 1	9.	The state from	1 4	1	17	7	104
Lake		1 1	1 1	1		1	1	1	<b>\times</b>	-	19
Lane	1	§ 8 8	<b>Re</b> (10- 100	1	7	me two con	***************************************	1	35	32	69
Lincoin	1 2 1	I I	*	1	-	1		1 1	1	1	

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

State and County				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
	Barley	Corn	: Cotton	Grain Sorghum	Oats	: Rice	: :Soybeans:	Sugar- beets	. Wheat :	Other 1	Total
			# # # # # # # # # # # # # # # # # # #		Tons	rons					
OregonContinued:											
Malheur	4 6	1 1	1	8	2	ļ		1	43	266	315
Marion	34	17	!	!	m	1 1	1	53	131		238
Morrow	91	<b>o</b>		1	<b>၁</b> . (	-	† 5 8	1	188	30	249
Multnomah	?			9 -	7	!		1	346	1	364
Polk	20	1		• 1 1 1 1		1	1	1	5	80	13
Sherman	24	1	1	1		1		1	136	41	206
Tillamook		1 1	1	1 1		1	1	!	267	1	291
Umatilla	32	15	1	1 1	-	!	9 -9	!	1	1 1	1 1
Uniton	41	:	1 8	i i	<b>⊣</b>	1	1	2	730	day and sale	783
Wallona	26	-	i		٦ ،		1 1 1	2 1 2	132	3	181
Wasco	15	1 1	1	1	7	\$ 8 1	1	† !	69	1	. 86
Washington	8	9 ra ag	-	1	σ	1	!	1	218	1 1 8	233
Wheeler		\$ \$ \$	!	1 1	1		} }	1	169	10 10 10 10 10 10 10 10 10 10 10 10 10 1	186
Yamh111	23	2	1	\$ 1 8	œ		1	i		1	œ
Unallocated 2/ .:	17	7	1	1	 		1 1	1 0	150	12	195
State total	393	52	-	-	96	1 8	{	7	3100	9 / [ /	30
Pennsylvania :								00	6716	₹ ₹	4 70 3
Adams	16	96	i		•						
Allegheny:	; -	6	1	1 3	4 C	1	-	!	24	-	142
Armstrong	6	35	1	 	7 [	1 1	1		7	1	14
Beaver	7	16	9	1	7 .	1 1 1	i i	1 1	ς,	-	54
Bedford	9	72	!	1	2	] 	1 1 1	1	<b>~</b>		27
Berks	23	236		I I	16	2	"	1 1	<b>∞</b>	-	96
Blair	e	39	1	1 1	9 4	· 	7	1 1	40	2	319
Bradford	-	48	1 1	1 1	13		1	1	<u>د</u> د	1	53
bucks	12	100	1 1		, -		1 0	!	7	20 an an	79
butter	2	19	1 1	1 1	13		,	1 1	20 1.0	-	145
•								l J	71	7	100

Continued--

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County	Barley :	Corn	: Cotton :	Grain sorghum	Oats	Rice	: :Soybeans:	Sugar-; beets	: Wheat :	Other : 1/	Total
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				000	-000 Tons					
Donnay I want and	•• •										
Cambria		96	1	1					(		
Cameron		2 1	1		11		8 : 8 : 5 :	† 	7	<b>→</b>	£43
Carbon	-	7	1		2		1 1 1 1 1 1	}		1	13
Centre		93	1		18	1	1 1	1	1 7	-	12%
Chester	: 11	200	1	-	, en	1	2	1	20	<b>-</b> -	737
Clarion	: 2	25	1	1	7	1	1 5 1	8 8	۳ ۳	- !	75
Clearfield	: 2	15	1	i	4	1 1	1 1 6	1	· -	1 1	22
Clinton		22	1	!	. 2	1	1	1	• 4	1	32
Columbia	. 2	98	1	1	11	1	г	***	101	1	113
Crawford		99	de en en	-	18		over days caps	!	2	-	83
Cumberland	: 20	129	1 1	!	7		1 1	1 1 1	24	~	181
Dauphin	: 19	89	1	<b>49</b> 00 40	80	!	1	tion man noon	19	٠.	116
Delaware	1	6	1-1	-	1	ी	1		-	* !	10
Elk	1	2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	!		1	1	1 1 1	• •		0,7
Erie		47		*** (10) 400	.13	1	*	1 1	7	6	, C
Fayette	: 2	07	1 5	-	7	1	1 1	1	2	1 —	5.2
Forest	1		1	man day upp	1.	-		1 1	ł   	1 1	75
Franklin	: 23	167	1	limo uno aggi	12	1	-	1	22	-	306
Fulton		28	1	-	3	1	1 !		i La	• !	7.1
Greene		47	1	1	-	1		1	1	1 1	÷ 1/-
nuncingdon	m :	47	1	1	2	1	1 1	1	9	!	. 19
Indiana	2	42	1	1	12	1 1	!	1	2	-	61
Jerrerson	7	26		1	9	-		1	2	1	36
Juniata	5	47	1		7	1	*	1 1	11	1	20
Lackawanna	1	5			-	1	1 1	1 1	ern eng get	1	2 4
Lancaster	: , 37	475	-	1 1	7	1	E		63	<b>~</b>	587
Lawrence		54	!	may may pp	æ	1	1	!	) œ	ן ו	707
Lebanon	: 13	81	1	1	5	1	2	1	91	-	110
Lehigh	: 7	172	\$ a	1	6	1 1	~	1	28	<b>4</b> !	217
	**								)		/17
See footnotes at end of table.	of table.									Cont	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

State and County				Estima	ted Plan	r Residue	Estimated Plant Residue From Harvested	sted			
state and county :	Barley	Corn	: Cotton	Grain sorghum	: Oats	: Rice	: Soybeans:	Sugar- beets	. Wheat :	Other;	Total
••	1 1	0 9 1 0 0 8			000	-000 Tons					
PennsylvaniaCont;											
Luzerne		17	8 0 0	1 1	7	i		1	7	-	76
Lycoming	. 2	78	!	1	12	-	1 1	1 1	<b>3</b> 0	- !	97
Moreor	1	<b>→</b>	1 1	1 1	_		!	1	1	-	101
Miffilm	7	84	1	1 1	16	1	ŀ	!	10	1	112
Monroe	m	42	1	1	7	1	1	1	10	1	59
Monteomery	1	6 1	1	1	3	!	;	1 1	-	1	13
Montour	<b>7</b> -	24	1	1 1	7	1	e	1	12	1	75
Northampton	1 .	101	1	1	7	!	2	1	6	1 1	67
	21	185	!	1	۲ ,	!	2	1	26	1 1	232
Perry	<b>~</b> °	110	1	‡ !	13	1	-	1	18	!	149
Philadelphia	<b>x</b>	45	1 1	1	7	1	1 1 2	# 6	15	9	75
Pike	1	<b>→</b>	-			\$ 1 1	1 1	1	1	1 1	-
Potter	8	; [		1	1	!	3 8	!	1	-	1
Schuykill		77	1 1	\$ 1	<b>∞</b> (	!	1 1	1 1	-	1	91 .
Snyder	• <	44	1	1	<b>o</b> (	1	!	1	10	-	71
Somerset	t v	52			ی د	1	!!!	1	13	}	16
Sullivan	1	75			77	1			4		89
Susquehanna	1 1	9		! ! ! !	<b>-</b> (	1 1		-	1 1	1	7
Tioga	1	27	20 m	1 1	7 2	) { 	; ;	1	'	1	= :
Union	7	89	1	1 1	] æ		! !	] ! ! ! ] !	<b>-</b> =	1	43
Venango	-	15		-	4	1 1	1	1 1		4 6	11
Unoblaces.	-		1	1	e	1	1	]	1 1	1	77
Wantug Con	4	41	1 1		11	3 2	1	1 1	7	1	7 9
Decree of the control	1 0	7	die die de	1 1	1 1	The same of	!				00
Wyomino	<b>3</b>	56		1	10	!		1 1	7	1 1	2.1
York	1 0	910	* * * * * * * * * * * * * * * * * * * *	-	-	!!!			1	1 1	17
Unallocated 2/	53	307	!	1	8	!	-	1	99		710
	<b>-</b>		1	-	1	!	3	£		7	
	344	4042	***	1	459	1	34	1	632	30	1755
										j	,

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

00 00				Estimat	ed Plan	t Residue	Estimated Plant Residue From Harvested	ested			
State and County :	Barley :	Corn	: Cotton	Grain :	Oats	: Rice	: Soybeans:	Sugar- beets	. Wheat :	Other 1/	Total
	••			1 1 2 3 4 4 4 5	000	-000 Tons	6 6 8 8 8 8 8				 
Rhode Island											
bristol	-	1 1	1	!	1	8 8	1	1	90 90 00	ł	1
Nent	!	1 1	!	1	1.	1	-	1	1	1 1	
Newbort		1000	!	-	1 1	† †	1 1	1 1	1	1	10 10 10 10 10 10 10 10 10 10 10 10 10 1
Providence	-	1 1	1	de per es	1 1	1	1	1	1 1	1 1	1 1
Washington	-	1.	1	1 1	1	1	1	1	1	1	
Unallocate, ?.	!	!	1	1	1	1	1	! !	1		] ]   ;   ;
State total	1	!	em con dis	1	1 1	1	1 1	1	1	1	7
South Carolina											
Abbeville	1	2	1		1 1		7		¢		
Aiken	:	33		-	~		9,6	Mary death cases	m -	-	
Allendale	!	62	)	1	י פ	! 1 ! ! i 6	7 Y	1	40	4,	80
Anderson		2	1 1	c	<b>9 v</b> 2	1	÷		ر م	9	138
Bamberg	1	81	7	) [	9 4	1	26	[	207	-	57
Barnwell	!	30	~	1		1 1.	27		<b>4</b> M	<b></b> ~	/11/
Beaufort	!	en	1	1	1	1	, 50	1	٦ ,	<del>1</del> 1	99
Berkeley	1	35	1 1	1 1	8 8	1	ı m	80 49 19	۰ -		30
Calhoun	7	36	7	1	e	9 40 40	35	1	17	_	101
Cherokee	! "	10	1	'	1	8	16		5	1	31
Chester	7	n c	-			1	4	1	<b>-</b>	1	12
Chesterfield	1	7 6	1 1	<b>→</b>	-	1	7 00	-	1		6
Clarendon	pane)	118	2	1 1	7		50 Y		ر د	∞	62
Colleton	!	42	8 8	1 1 1	ı so	1	23	1 1	77	1	194
Darlington	1	26	e	# # #	-	1	. 99		7 0	(	72
Dillion		32	9	1	2 .	1 1	40	3 8	` =	7 !!	10,
Edgefield		41			-	en en en	01	1		-	54
Fairfield	-	2	1			2 1 3 1 8 9	17	ere up an	4	-	26
					,				<b>→</b>	1 1 1	m
	••										

					Estimat	ed Plan	r Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton		Grain	Oats	: Rice	: Soybeans:	Sugar- beets	. Wheat :	Other :	Total
			; ; ; ;	1 1 1 1 1	1 1. 1 1	000	Tons	0 0 0 0 0 0 0 0				
So. CarolinaCont;												
Georgetown		130	-		} !	-	į	99	1	7	2	208
Greenville	! -	S 2	1	!		400 mass and	1	4	1 1	1	-	34
Greenwood	1 1	-		• !	; -	-	1 1	14	1 1	2	1	34
Hampton	*	81	i	. !	<b>-</b>	-	# #	<del></del> (	1 2 1	-	*	4
Horry		115	1			<b>-</b>	1	38	1 1	7:	<b>∞</b>	132
Jasper	1	=	1	,	1 1	•	1 1	40	1	S		167
Kershaw	1	23	i	1		: !		0 [	‡ 1	-	!	17
Lancaster		2	1	1	1	1	1	٦ ٣	# 1 8 !	-	~	38
	-	9	1	1		2	1	י ר			1	æ
	1	28	1	en	• 1	7 6		, ,	1	4,	1	21
	1 1	15	-		- 1	5	and some	21		7		105
Mariboro	<b>-</b> ;	38	1	1	!	i i	1	25	1	۰ -	7	40
McCormick	ლ	33	15	2		33	ļ	43	!	• "	2	001
Newberry		=	1	ı	-	} 1	1 1	1	1	-	# # # #	1 1
Oconee	0	2 5	2	1	<del></del>	~ -	1	15	1	9	***	40
Orangeburg:	2	176	1	ı v	-	<del>-</del> :	1 1	1 0	1 1	9	1	71
Pickens	1	2	ł	۱ ۱	· .	71	8	90	1	28	2	316
Richland	2	27	that gegs	1	1 1	2		17		<del>-</del> :	1	4
Saluda	-	5		-	1	-	1	14	-	7 -	1	62
Spartansburg:	<b>~</b>	18	į	,	-	9	1	12	1	٠,٧	8 2	23
The for	<b>~</b>	82		7	1	7	1	50	1	<b>)</b>	-	43
M411 (amehura	1	<b>→</b> ;	1			1	***************************************	1	1 1	1	- !	007
York	"	140		1	* *	-		57	1	-	4	7
Hoallocated 2/		m	_	_	<b>-</b>	1 1	1	7	1	7	9	502
State total	n 02	1501	2	~	•0 <u> </u>	1 1	1	3	1	1	8	22
	3	1001	<b>X</b>	_	1/	<b>\</b>	1	1084	1	232	63	3163
••												

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975--Cont.

, , , , , , , , , , , , , , , , , , ,				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvested	sted			•
State and County :	Barley :	Corn	: Cotton :	Grain	Oats	Rice	: Soybeans:	Sugar-	Wheat:	Other 1/	Total
10						•				/=	
		1 1 1			000	000 Tons				1 1 1	# #
So. Dakota :											
Aurora	10	22	1 1	5	50	2 4	1	1	-	-	00
Beadle	14	54	1 1	4	43	1	1	!	62	+ oc	
Bennet	4	9	3 8	8 6	9	8 8	***	9 8	84	) (	00
Bon Homme	9	79	3 3	89	65	1 1	6	9 9	9	1	173
Brookings	6	167	1		108	1	9	***	27	21	339
brown	87	82	***	1	09	!	1 1 1	1	283	39	554
Brule	13	16	1 1	8	23	1	!		17	-	11
Buttato	e	9	1 1	m	7.	1 1	!	-	. 2	1 1	24
Surfe	5	32	1	-	10	1	1		32	-	9/
Campbell	σ.	17	* *	1	33	1	1	1	11	9	142
Charles Mix	15	97	20 40 40 40	29	52	* * * * * * * * * * * * * * * * * * * *	2	1 1	24	dark you down	219
Clark	<b>o</b>	95	1 1	1	56	1	1	!	73	30	184
Clay	;	72	Î Î	-	70	1	43		7	1 1	161
Codington	17	23	1 1	1 1	67	1	!	-	64	33	171
Corson	14	2	40	<u> </u>	23	1	1	1 1	110	7	156
Custer	-	7	1 1	!	-	-	1	Mar out one of	4	_	6
Davison	7	. 29	1 1	2 1	33	1	1	*	2	1	7.1
Danel	31	15	1 1	1	94	!	1 2 2	1	73	21	136
Detter	•	94	4	!	99	!	m	1 1	26	25	221
Douglas	9 0	7 (7	† 1	) L	91	-	04 000 000	1	51	-	9/
Edmunds	23	<b>,</b> 0	Arms over com	n	4 r	† } 	1 1	1 1	5	-	112
Fall River	, ,	10			75	!	\$ 1 1	1 1	107	19	210
Faulk	200	0 0	man and one	1 -	<b>→</b> [	1	1 1		14	-	36
	07	01	\$ 1 1	<b>→</b>	3,	1	-	i i i	89	14	158
2000	ng	28	1	! `	48	1	m	1	54	14	182
Moskow .	0.	ۍ	1	9	40	1 1		1 1	13	-	106
naakon	7		1 1	2	4	1 1 1	1	1	131		143
namital	<b>x</b> 2	106	1	1 1	54	1	-	1 1	32	27	777
nand	23	18	1	2	38	!	date units date		85	· ~	160
0 8									ì	,	701

See footnotes at end of table.

Continued --

Continued--

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley:	Corn	: Cotton :	Grain :	Oats	: Rice	: :Soybeans:	Sugar- beets	Wheat	Other :	Total
**	1 1 1 1	1 1 2 3 3	1 1 1 1 1 1		000	-000 Tons					
So. DakotaCont.											
Sully	4	62	80 00 00 00 00	-	21	1 1	!	1	17.5	٠	300
Todd	9	2	-	-	9	1	# # #	!	7.1	ń ~	230
Trip	15	20	1 1	22	32	1 1	8 8	!	73	٠,	000
Turner	2	207	App app air	-	86	1	37	1 1	7 ("	<b>→</b>	336
union	-	189	1	1	33	\$ 1	39		۷ (	!!!	350
Walworth	80	11	1	-	24	1	1	1	83.	~	129
Washabough	7	1	1	-	-	!	1	1	۲7	٦ -	177
Yankton	5	91	1 1	2	57	1	8	1	7 6	-	4/
Zleback	m	1	1	1	9			1	ָר יִּ	i i	1/3
Unallocated 2/ .:		2	400 cm cm	29	) <u> </u>	1	_		7 4 -	1	56
State total	785	3800	0 8 0	173	2355	!!!	301		3513		46
									) 	7	70014
Tennessee					٠						
Anderson		-	1	1	-	des ces «de		1	1 1		-
Bedford		12	1	-	-	and the same state	9	!!	o	1	<b>-</b>
Benton		32	1 1	1	1	1	, 5	1	h -	† 1	67
Bledsoe		23		!		was one det	۰ ۵	1	4 (°	!	7 7
Blount	1	15	2	1 1	2	- App and man	;	1	n u	1	97
Bradley	-	7	42 00 00	1	1	1	1 1	!	- ۱	2	77
Campbell	1	e	\$ 9	1 1	1	1	1 6	-	4		י ס
Cannon	-	6	1	-	-	1	2	.	,		٠ <u>-</u>
Carroll	!	34	2	-	1 1		34	1	• 0		10
Carter	!	7	-		1	1	1	1		 	00
Cheatham		13	1	*	1	1	2	1 1		1	- 0
Chester	1	10	-	}	\$ 5	1	30	1 1	٦ -	1	18
Clatborne	-	Ξ	1	†	-	1	9 60		1	1	7 4 5
Clay	-	9	1	1	1	1		1	-	1	11
Cocke	1	10	1 1	ŧ ŧ	1	1	1 1		<b>-</b>	\$ 1	Σ :
Cottee		78	1 1	1	1	1 1	12	1 1	ع <del>د</del>	dire day only	11
0 6.									2	) !	108
See footnotes at end of table.	of table.										

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estima	ed Plant	Residue	Estima:ed Plant Residue From Harvested	sted			
State and County	Barley:	Corn	: Cotton :	Grain	Oats	: Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other ; 1/ ;	Total
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Tons	Tons		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			1
TennesseeCont.	• •										
Crockett	.	11	29	1		1	53	1 1	10	ļ	103
Cumberland	-	13	min dan one	-	1 1	1 1	1	1 1	\$ 1 1	1	14
Davidson	-	2	1	9 99	1 1	1	7	1	-	1	7
Decatur	1	13	1	~	* *	1 1	7	1	-	1	22
Dekalb	-	18	1	1 1	1 1 -	\$ 6 1	4	1	-	-	23
Dickson	-	10	-	er me	1	1	!	1	. 2	1	12
Dyer	1	28	O,	-	1	1	218	!	47	1	303
Fayette	1	19	15	-	!	1	99	-	2	1	106
Fentresa	-	14	1	1 1 1	1	!	1	9 9		1	15
Franklin	-	20	2	1	-	1	16	!	31	1 1 1	71
Glbson	-	74	17	7	1 1 1	1 1	104	1	26	‡ !	225
Giles	1	=	no est um	7	1	1	9	1 1	7		21
Grainger	-	9	1	1	l	1		1	-	1 1	^
Greene		37	the own the	1 1	-	1 1	1	9	7	1	949
Grundy	1	15	!!!	1	t i	1	7	1	e	-	20
Hamblen		σ (	1 1	1	_	1 1 1		1	7	1	19
Hamilton		ლ (	1	1	1 1		1	1	1	1	9
Hancock		<b>*</b>	1 1	1 1		1	-	1	-	1	80
Hardeman	-	12	2	5	1 1 1	1 1	47	1	10	!	76
Hardin	1	87	8 1	-	9 18 60	1 1	33	1	ู้ ค่	1	57
Haveon		01	23			† 8	! 5	† † † † † † † † † † † † † † † † † † † †	7 ;	1	22
Hondordon		37	77	-		\$ \$ \$	16	1	01	1	141
Too to t		75	• 1	<b>→</b> c	-	} 1	91	1	<b>→</b> ;	-	58
Hickman		70	1 1	٧-	<b>-</b>	1	7,0		16		121
Honores		2		-		! !	<b>n</b>	1	7	: :	22
Homoby and a series		10			1	i i	(	1	<b>, ,</b>	1 1	S.
Youther		0 1		5 5 6 8	2	1	7	-		1	21
Jackson		71	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	1	the own day	2 .	1	ega. else saa	1	12
Jetterson		6	1	t t		9 00 00	-	-	2		17
See footnotes at end of table.	of table.									6	

Appendix Table 1.--Estimated Crop Residues By States and Countles, 1975--Cont.

6				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
state and county :	Barley:	Corn	: Cotton :	Grain ;	Oats	Rice	: :Soybeans:	Sugar- beets	. Wheat :	Other 1/	: Total
	1			8 8 8 6 8 8	Tons	Pons					
TennesseeCont. :											
Johnson	-	4		1	1 1	1 1		1	# # 1		7
Knox	1 1	9	1	1 1	1 1	!	-	1	-	!	<b>7</b> 00
Lake	and only the	2	7	*		\$ !	87	1	36	1	135
Lauderdale:	3- es	Π	7	1	1	1	114	1	22	1	154
Lawrence	}	. 27	1	1	-	1 1	32	8	9	1	67
Lewis	‡ ‡ ‡	5	1	9 8 4	1 1	1 1	-	1	1 1	1	9
Lincoln	-	17	!	2		1	12	1	7	1	36
Loudon	8	80	1 1	1	-4	-	-	1 1	-	and the says	11
Macon		61		1	1	100	1 1	1	-	1 1	20
Madison	1	24	10	1 1	;	1	53	1	2	1	89
Marion	1	14	1	!	1	- why day ma	4	1	m	1	2.1
Marshall	1	12	1	!	1	† †	-	1	7		15
Maury		12	!		-	1	6	1 1	7	*** *** ****	( <del>-</del>
		8	9 0	*	1	1	2	1 1	2	1	13
McKalry	1	36	-	<del>-</del>	1 1	!	27	1	4	† †	69
Melgs		4	1	1	1	1 1		!		1	5
Flonkoe	!		1 5	1	<b>-</b>	1 1	3		2	8 8	17
Flontgomery	<b>-</b>	<u>۾</u>	1 1		-	1	16	1	14	j	62
Moreon	** 0	7 2	6 to 10 to 1	1	1 1	1	1	1 1	1	i i	2
Oblon	the use day	3 =		- ~	1 1	!	1 0	1	1 4	1 1	13
Overton	1	15	₹ <u>!</u>	, !		1 1	120		40	-	276
Perry	1	16	8 8 9	1	0 0 0 0	. 1 : 1	<u>ر</u>		<b>-</b> -	} !	91
Pickett		9	1	1	!	1	ן ו	<u> </u>	₹	1 1	7.7
Polk	!	7	!	-	1 1	1	e-	}     1 	-	1	9 (
Putnam	1 1	2.1	1 1	1	1	1	1	.	٠, ١		y (
Rhea	1	5	70 000 000	1 1	1	i	. ,	1	7 !		67
Roane	1	2	1	1 1	1	1	٥ ر	10 10	1 9		• •
Robertson	7	36	2	-	7	## ## CF	16	#	38		4 0
••					í		3		or o		ya

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

			23
arvested	ar-: ts:		
Estimated Plant Residue From Harvested	Rice :Soybeans:	Suo.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
itimated Plant	in Oats	D00 Tons-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Cotton : G		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Corn		18 111 112 113 114 115 115 115 115 115 115 115 115 115
	Barley	1	
State and Count.	:	••	Tennessee—Cont Rutherford Scott Scott Sequatchie Sevier Shelby Smith Stewart Sullivan Sullivan Sullivan Sullivan Sullivan Sunner Sullivan Sunner Sullivan Sunner Sullivan Sunner Stewart Sunner Stewart Sunner Sullivan Sullivan Sunner Stewart Sullivan Marken Washington Sullivan Sulliv

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ted Plan	Estimated Plant Residue	From Harvested	sted			
State and County	Barley:	Corn	Cotton :	Grain	Oats	Rice	: Soybeans:	Sugar- beets	Wheat	other :	Total
					000	-000 Tons					
	, ••										
TexasCont.	••										
Archer	•••	1	4	† †	5	!	100	1	83	1	80
Armstrong	, ma	7	***************************************	35	1	1	1 1	1	33	1	7.7
Atascosa	1	10	-	22	!	1 1	1 1	1 1	15	78	81
Austin	-	9	-	20	3	11	-	1 1	-	, –	41
Balley	!	234	23	66	i	!!!	-	***	27	1	384
Bandera	!	1	1	-	-	1	1	-	9 20 00	!	2
pastrop		-	!	8	~	1	1	1	2	2	14
baylor		1 1	က	œ	7	1		1 1	139	1	153
bee		=	1	47	1	1	!		7	4	69
pert	1	9	7	100	12	**************************************	1	1	20	1	142
param		27	1	34	2	1	1 1	1	16	7	83
Borden		1	1 1	'	2	-	1 4	1		1	3
booting.	1	1	15		1 1	-	1	1		1	16
bosque		1	1	10	24	000 UN 000	1	1	6	-	77
Bowle	1	1	1 1 1	<b>-</b>	-	e	2	1 1	-	!	1
Brazoria	1	18	en i	26	-	187	7	1.	1	1	241
brazos		<b>~</b>	က	24	1 1	1	-	!	1	1	29
bi-f	! '		1 ,	1 1	1	1	9	1	1	1	1
Brooks	<del>-</del>	27	. 12	42	1	1	4	1	41	1	127
Broom a		! !		13		4	***	1 1	1	0 0 0 0 0	13
Burleson	0	- '	יע ו	7 11	0	1	1	8	14	7	37
Burnett	!		, !	7 (°	-		1	! ? !		1 1	20
Caldwall		-	1	15	- 1   	;	3 1 1	1 1	m ·	1	7
Calhoun		• !	1	77		37	1 1	ŀ	10	die ees ees	26
Calhan			1	0, 0	. 4	40	400 may	1	1	1	122
Cameron		17	76	372	) 		498 494 488	1	32	٠ ا	45
Camp		4		7/0	1			and desired	-	30	643
Carson		17		140		1   3   1	1 1 1 1	# 3 1	200	1	1 0
	••			2				!	167	1 1	605
מבפ זהה חווה רבים מר ביות	or capte.									Con	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain sorghüm	Oats	Rice	Soybeans	Sugar- beets	. Wheat :	Other:	Total
** ** 9	1 1 1 1				000	-000 Tons					
TexasContinued.											
Cass	1	-	\$ 2 6	!	1	1	1	1 1	1	1	7
Castro	7	721	6	183	7	1	æ	23	216	1 1 1	1165
Chambers	1	1	1	-	9	146	ယ့	1 1	1	1	150
Charles	i i	e	1	1 -	!	1	1 1 1	1		1	3
Clay	!	1 1	25	4	1 1	1	1 1	1	55	1	84
Cookway	-	1		-	S	1	1	1	170	1	178
Coentan	1	-	22	132	1		9 8		11	1	105
Cone	'	1 1	1 1	7	-	-	1	1	-	1	7
College	-	1	-	21	æ	1 2	1	1 11	30	1	19
Colling	!	2	<u>ب</u>	107	12	ľ	*	1 1	105	1	231
Colorado	1	1	19	26	-	1	ì	1	47	2	95
Color ado		24	1 1	13	1	157	11	1	1	1	205
Company	1	-	[	-	-	1		1	e	1	9
Condense	!	1		7	e	1	day que son	1	-	58	, 99
o de la companya de l	°	1	7	24	<b>~</b>	1	1	1	17	1	48
Corvell	7	= -		E :	34	!	1	!	72	1	122
Corrigo	1 1 1	-		17	19	!	1	1	28	1	99
Crane	!	# # #	30	7		1 1	1	1 1	16	-	52
Crockett		1	†	-1	-	9 20 5	!	!	1	1 1	-
Crosby		-	1 9	1 0	1 9	1	1	1	!	1	1
Culberson	-	7	60	122	1	-	2	!!!	34	1	228
Dallan	<b>-</b>	1 1	1 1 1	-n -	1	1	1	1 1	!	1	7
Dallam	1	165	1 1	75	-	1	!	1 1	185	1	426
Dattas	1	1 1	2	19	ന		!!!	-	18	1 1	43
Dawson	-	1	88	39	-	1 1	2	1	6	1	139
Deal smith	<b>4</b>	459		232	-	1	2	22	303	2	1025
Detta	1	1	2	12	1 1	1 1		!	2	1	16
Denton	7	<b>-</b>	2	37	29	1 1	1 1		122	5	197
Dewitt	1	6	-	10		1	60 em 60	1 2	6	-	.30
••											

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County	Barley:	Corn	: Cotton :	Grain sorghum	Oats	Rice	: :Soybeans:	Sugar- beets	. Wheat :	Other:	Total
		1 1 1 1			Tons-	rons		3 3 5 7 4			
TexasContinued	• ••										
Dickens	1	1	16	15	1	9 4	1	1 1	14	-	45
Dimmit	!	4		16	‡ ‡	1	1 5	1 1		1	21
Donley	!	\$ 5	7	20	1	1	9 9	1 1	13	1	38.
Duval	•	2	1	33	1	1	-	!	9	reed	42
Eastland	•	I I	1	9	2	1	1	1	2	35	48
Ector	1	-	1	1	1	1 1		1		1	1 1
Edwards	!	1	ł	\$ \$		1	1	1	1 1	1	1 1
Ellis	1	2	16	139	7	1 1		***	29	1	193
El Paso	رم د	-	m	m	1 5	1	-	-	89	1	20
Erath	!	4	es es 400	2	5	1	1 1	-	1	14	22
Falls	-	4	9	82	8		1 1	1 8	6	1	109
Fannin		3		59	7	Î I	4	1	47	7	125
Fayette	-	12	emi ma qua	11	* * * * * * * * * * * * * * * * * * * *	1	1		-	5	26
Fisher		1	3	26	1 1	1	-	-	25	!	54
Floyd		07	7	281	1	1	23	9	184	-	535
Foard	!	* :	ന		-	1 2	1 1	1	137	!	142
Fort Bend		13	13	85	1	87	7	1 1	!		200
Franklin		1	1000	1		1	† 1 0	1	1	1 1	1
Freestone	-	4	-	2	-	1 1	1 1	1 1	-	† †	7
Frio	-	12	1	99		!			26	38	143
Caines	-	10	98	160	**	1	-	1	20	6	286
Galveston	1	1	***************************************	!	!	20	2	1	!	1	22
Garza	!	8	23	9		1		1000	1	1	20
Gillespie	: 2	2	1	7	13	1 1	1	!!!		90 90	35
Glasscock		1	15	16	9	1	1	1	1 1	1	7 7
Golfad	!	2	1	2	1	1	1 1	!!!	-	1	10
Gonzales		2	1	7	<b>1</b>			40 40	1 CT		0 0
Gray	-	4	33	37	1 1	1	1	1	- œ	+ 1	156
Grayson	•			19	17	1	red		96	7	171
	••								)		4 5 4
	••										

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

					Estimal	ted Plant	Residue	Estimated Plant Residue From Harvested	ested			
S	State and County :	Barley	Corn	: Cotton :	Grain	Oats	Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other;	Total
						000 Tons	Tons	1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	TexasContinued	,										
	Gregg	1	1 1	1 6	1	į	1	1	1	1	1	1
	Grimes	1	2	1	7	1 1	-	1 1	1	1	!	9
	Guadalupe	1	7	1	43	-	1	1	1	34	1	86
	Hale	1	178	1	478	1	}	47	!	135	1 1	838
	Hall		1 1	94	10	1	1 1		1	14	1 1	70
	Hamilton	!	-	1	15	14	1	\$ 8 5	***	8	-	38
	Hansford	!	152	1 1	197	1 1	[ 1 1	1	-	369	1	718
	Hardeman	-	!	80	7	-	90000	1	1 1	165	1	179
	Hardin	1	1	1	!	‡ †	7	2	!	\$ 6 9	1	9
	Harris	1	12		e	9 00 00	108	26	1	-	7	152
91	Harrison	1		1 1	1 1	1	1	1	1			1 1
	Hartley		101	***************************************	95	8 11 14	1	# · · · · · · · · · · · · · · · · · · ·	9	127	1	281
	Haskell	<del>-</del>	1 1 1	40	57	-	1		1	71	-	171
	Hays		1	1 1	6		1	1 1	1	e	1	13
	Hemph 111	!	1	53	7	1	1 1	!	1	99	1 1	116
	Henderson	-	<b>3</b>	1	7	-	1	1	-	1	_	10
	Hidalgo		66	16	514	-	1 1	7	!	-	151	786
	H111	1	2	14	183	9	1	1	1	13	7	225
	Hockley	1	1	63	206	1	1	1	1	9		275
	Ноод	1	!	1 0 0 0	_	-	1	1	1	m	7	12
	Hopkins	1	89	1 1	-	1 1	:	8 9 1	*	-	1	10
	Houston	1	1	2	4	1	1	* *	!	1	7	13
	Howard	!	1 1	54	7	1	1	# #	anti- une que	1 1	1	19
	Hudspeth	<u>س.</u>	-	7	2	-	1	1 1	1	1	1	16
	Hunt		-	e	25	9	1 1	-	1 1	20	-	57
	Hutchinson		70	1 1	37	1	1 1	!	1	77	1	155
	Irlon	!	1	1	1	1 1	1 1	1	1 1	 	1	1
	Jack	1	1 1			2	1	1 1	!	7	1	6
	Jackson		7	-	107	7	150	!	1	!	1	267
Cop	footnotes at and	of table									200	Continued

Continued--

See footnotes at end of table.

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain sorghum	: Oats	Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other : 1/ :	Total
		† 	5 5 6 8 8 8		Tons	Tons					1
TexasContinued											
Jasper		1	9	1	;	1	1	1	esta una gas	§ 1	1
Jeff Davis		.	!	-	1 1	1	1 1	1	1	2 2	-
Jefferson	1	1	1	1	1	210	-4	1		1 1	214
Jim Hogg		1	1	5	!	1	1	-	*	1	2
Jim Wells		5	!	118	1 1	1	!!	-	1	2	122
Johnson		-	m	41	10 000	1	1 1	1	89	-	54
Jones	-	1 1	28	52	က	1 1	* 1	1 1	09	_	144
Karnes	!	=	!	14	# 0 0 0 0	1	1 1	į	41	m	69
Kautman	-	] }.	7	16	9	1		3 !	3	!	29
Kendall		1 1	1	-	2	1 1	1 1	!		1	7
Kenedy	!	1	-	1 1	1	-		!	1	1	. !
Kent	-	1	7	9	1 1	!	1	-	2	1	15
Kerr	!	1 1	400 vile (140	-	2	1 1	l i	1 2 1	-	1	1 4
Kimble		-	1	1	<u> </u>	1	1	1	6	1	r (*
King	-		9	-	1 1	1	1 1	1	7	1 1	9
Kinney		m	1	e	1	1	1	!	5	1 1	`=
Kleberg	1	1.	7	27	1 1		day was upo	1	1	1 1	28
Knox	1	-	7	55	က	!		1	137	-	202
Lamar	-	1	-	22	-	1	13	1	7	11	404
Lamb	-	7460	09	315	!!!	‡ !	11	1	39		885
Lampasas	1	1 1 2	1 1	-	. 7	4	1 1	1 1	9	00 mm m	
LaSalle	1	S		62	1	Í	1	1 1	9	77	77
LaVaca		17	3 8 1	æ	. 7	29	1 1	and other than	1	F.=	77
Lee	1	3	1 1	4	-	1 1	1 1	1	2	* !	70
Leon	!	_	1	5	1	1	60 es es	1	' ¦		0,
Liberty	1	1 5	1	-	-	125	21	!	1	1	0 ' '
Limestone	-	7	60 de 48	21	4	1	1	-	m	22	32
Lipscomb		6	80 do 10	6	1 + 1	-	!	1 1	165	1 1	102
Live Oak	!	21	1	77	-	W 45 16	-	1	12	1	103
	• ••										

Appendix Table 1. -- Estimated Crop Residues By States and Counties, 1975 -- Cont.

					Estimate	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
	State and County :	Barley :	Corn	: Cotton :	Grain :	Oats	Rice	Soybeans	Sugar-	. Wheat :	ŏ	Total
		1				000				***	17	
	• ••					1 000				1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:
	TexasContinued:											
	Llano	1	ŀ	1	***	1	1	1 1			,	,
	Loving	1	1	1	1	1	1	 	1 1	† !	-	-
	Lubbock	-	13	86	207		1	7		- 0	1	
	Lynn		-	104	61	1	1	- !		0 "	<b>n</b> c	345
	Mad1son	-	-	1	<b>C1</b>		-	1	# P P P P P P P P P P P P P P P P P P P	֓֞֝֞֜֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	7	0,1
	Marion	1	!	1	!	1 1	!	1	ļ	8		·
	Macon	[   	1	11	မ	-	-	-	1	1 1	!	2 0
	Maragarda	1	1	1 1	1 1	1	-	1	-	1	71	, . , .
	-	1	7	7	36	1	194	22	1	:	* !	317
	McCullough	2 2	7	Water outpour state	16	!	1			10		33
97	McTonnan	1 !	'	1	12	2	-	1	1	20	2	ים פנ
	McMall lan	9	^	S	110	22 ·	1	1	1 1	29	ı –	17.2
	Medina	1	1 1	1 1	7	1 1	1 1	!	1	1	•	7,1
	Menard	1 ! 1 ! 1 !	40	1	61	=	3 8	1 1	ŧ	29	12	158
	Midland	1	1	13	=	·	1 1	:	***	2		e e
	Milam	1	٠.	7 5	11	-	1	1	1 1	1 1	-	23
	Mills		, !	֓֞֝֟֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	, [	<b>-</b> 1	1 1	1	1 1	14	1 1	132
	Mitchell:	***	1	29	22	- !	]       	1	1	SJ.	-	14
	Montague:	1	1	1	7	_	3	! !	-	7 ;	-	55
	Montgomery	1	\$ 1 1	1	.	·	1	! ! ! !		<b>†1</b>	~	22
	Moore	-	139	!	141		1 2	_	-	203	-	100
	Morris	# #	1 2 2	!	1	-	1	1 1	• !	503	<b>-</b>	488
	Mottey	ş 1	!	91	ဗ	1	-	10 GD 40	!	<i>u</i>	<b>→</b> (	(
	Nacogdochea:	'	7	1 1 8	***	!	1	1 1	1	n .	7	32
	Navarro	1 1	-	5	94	7	1 6	1 9			1	7 (
	Newton	= 4	1 1	1	5 m 4		-	-		71		99
	Notan	9 9	1 '	18	. 17	-	1	• !	1 1	,	t 1	<b>→</b> ;
	Nueces	1	7	. 19	359	- 1	į	1	1		:	382
											•	700
See	See footnotes at and of table	older s										

See footnotes at end of table.

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ted Plant	Residue	Estimated Plant Residue From Harvested	ssted			
State and County :	Barley	: Corn	: Cotton :	Grain sorghum	Oats	Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other:	Total
					Tons	Pons	\$ 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				# 1
TexasContinued											
Ochiltree	-	36	1	147	1 1	1 1	1	-	318	1	501
Oldham	!	4	1	14	1	1	1	!	29	1 1	47
Orange		1	1	1 1	1	9	5	1	-	1 1	==
Palo Pinto	1	1	!		7	1 1	1	1 1	9	-	12
Panola	!	1	date wire date	## OPP 040	} 1 1	1	1 1		1	1 1	-
Parker	-	-	t t	-	4	*	one was one			5	11
Parmer	18	1344	2	159	-	1 1	2	7	247		1784
Pecos	7	1	-	7	7	!	!	Į	14	į	31
Polk		1 1	1 1	1	1 1	1	1	1	1	1 1 2	)   
Potter		10	1 1	13	!	1 1	3 8		19	1 1	42
Presidio	-	1	1 1		1 1 1	1	1	!	!	1	! !
Rains	-	1	1 1	1	<b>-</b>	1		1	1	1	2
Randall	-	31	1	92	1	1 1	9 20 20 20 20 20 20 20 20 20 20 20 20 20	œ.	118	1	224
Reagan	-	1	9	1	1	1 1	1	1 1	1	ţ	9
Real	•	1	!	*	1	* *		-	*	1 1	1 1
Red River	1	1	!	2	1	1	15	1 1	7	1	24
Reeves	23	1 1	9	13	2	1	1	and date and	9	1 1	50
Refugio		1	<del></del> 1	97	1	1	1	1 1 1	!		66
Roberts		1	1	7	1		# · · · · · · · · · · · · · · · · · · ·	1	34	1 1	77
Robertson	!	7	m	28		1 1	1	1	2	1 1	38
Rockwall	1	1	1 1	4	~	1 5	8	87 mm ag	, 4	1 1	0
Runnels	1	1	14	87	5	!	ONE COM	1	28	-	135
Rusk	!	-	diffe man dalls	1	1	1	!	1		1	
Sabine	1	1		1 1	1		!	1	1 1	9	<b>→</b> 1
San Augustine .		1 1	date state other	1	!	1	1	1 1	1 1	1	
San Jacinto		1	1	1	1	1	. 2	!!	-		
San Patricio	1	2	23	330	7	!	1	1	7	1	763
San Saba		1 1		2	9	1 !	. !	1	6	7	
Schleicher	-	1	<del>,(</del>	5	-	1	1	1 1		1	12
											1
	**										

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvested	sted			
State and County.	Barley:	Corn	Cotton:	Grain	: Oats	: Rice	: :Soybeans:	Sugar- beets	Wheat:	Other; T	Total
					000	-000 Tons					
TexasContinued		1	28	25	1 1	1	1	\$ \$ 1	4	! !	57
Shackelford		1	7 -	1	-	100 eps	!!!	1	25	-	28
Shelby	1	1	1	-	1	1	1	!	1	1 1	i
Sherman	m	78		167	1	1	-	2	284	**************************************	535
Smith	-		1 1	f i	1	1	1	1 8	1		<b>-</b> ⟨
Somervell	1	1 1	1	1	1	-	1	1 1	1	2	m (
Starr	1	9	-	35	i i	1	1	1	E :	1 1 1	1 7
Stephens	1	1 1 1		1	9	1	1	1	13	1 1	91
Sterling	-	-	1	1		!		1	1 1	'	1 0
- mark	1 1	1	3	=	1	!	1 1	1	20	2	36
Suction	1	1	1 1 1		1	1	1	1 1	‡ 1	1 1	1 (
Swisher	-	125	12	299	<b>-</b>	1	6		197	1	650
Tarrant	-	_	60 cm	17	11	!	1 1	9 0	31		09
Taylor		-	m	43	· En	-	1	1	58	‡ ‡	109
Terrell	1	-	1	1	40	I I	1 1	1 1 2	1	† ; 1	1 L
Terry	1	1	47	232	1	1	-	1 1	15	1	295
Throckmorton			9	-	-	1 1	1 1	i	59	‡ • •	40
Titus	1	1	1 1	1 1 1	1	1	1 1	,	1	\$ \$ \$	0
Tom Green	1	-	19	62	<u>س</u>				<b>n</b> <	9 00 00	90
Travis	1 1	-	2	32	-	1	-	1	7 :		در 1
Trinity	1		1	1	-	! !	•		1	1	·
Tyler	1	1 1	1 1	1	1	90	1		-	1	.~
Upshur	1	1	1	1 1	1	1 1	<u> </u>	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- !		, c
Upton	-	1	2	2 2	***	1	1 (		1 0	 	111
Uvalde	!	67	1	23	e	1	7	!	Ť	\$ \$	111
Valverde	-	1	-	1 1	1		† † † † † † † † † † † † † † † † † † † †	1	1	l 1	1 -
Van Zandt		7	1	3	2	1	-	1	1 1 1	‡ 1 ‡	71
Victoria		=	1	105	1	17	1 1	gave one can	1	1 1	133
Walker	-	1	-	1	1	1	t !	1		1 1	•

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Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

1				Estima	ted Plan	t Residue	Estimated Plant Residue From Harvested	sted			•
State and County :	Barley :	Corn	: Cotton :	Grain sorghum	: Oats	Rice	Soybeans:	Sugar- beets	. Wheat .	Other:	Total
	1				000	-000 Tons					- I
TexasContinued:											
Valler	1 1	14		4	1	63	7	\$0 div ap	!	9	76
Ward	1	-	1	1		1	. I	!	*	1	<b>5</b>
Webb	1 1	9	# #	- 0	1 1	1 1	\$ 5 5	0 0 0 0	}	1	7
Wharton		77	. œ	000	! !	210			1	1	9
Wheeler	8 8		2 2	77		010	17	* 1 * 1	17	1 0	688
Wichita	_	-	-	1 1	2	1	1		232	ן מ	101
Wilbarger	2		11	7	7	-		-	285		306
	-	E ,	23	202	1	1				28	256
	1	01	20	180	5	1	!	1	32	1	247
Winkler	= =====================================	m	1 1	20	1	1	1 1	1	26	19	89
		1	!	1 (	1 1	1	1	1	age out the	1	
Mood	<b>→</b>	1 5	1	2	<b>∞</b>	1	1	1	23	3	37
Yoakun		7		031	1		-	-	\		3
Young	2	1	7 -	2	٠,		T	1 1	9 011	1	170
Zapata	446 cm 446		-	13	1	1	1	1 1	011	1	170
Zavala	1	. 65	5	53	-	1	1 2 0	!	17		171
Unallocated 2/.	2	37	29	. 68	∞	2	11	1	21	36	141
State total .:	106	5171	1715	10483	468	1875	324	62	7276	625	28104
Utah											
Beaver	prod	1 1	3 8	1	. !	9				•	
Box Elder	51	47	1	1	-	1		101	163	4 5 - 6 6	
Cache	09	-	1	1	-	1	1	. ~	132	! !	777
Carbon		1	1	1		***	4 1	- د	7		116
Daggett		1		1 1	1	1	1 1	• 1	1 1		77
Davis	9	4	1 2 8	1	1 1	!!!	1	CT.	7		100
Duchesne	9	2	-	40 00 00	-	1	1	1	· m		15
4	6 4 2 1 3										

					Estimet	ed Plant	Residue	Estimated Plant Residue From Harvested	sted				t
	scare and county :	Barley :	Corn	Cotton	Grain	Oats	Rice	: Soybeans:	Sugar-	Wheat:	Other	Total	
	**				-			**	S Jaan	**	1/2		1
	** **	1 1 1 1 1	; ; ; ; ;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	Tons	ons	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		\$ 0 0 0 0 0	1 1	1	
	UtahContinued:												
	Emery	2	ار.	!	1	c							
	Garfield		1	2 4 5		7 .	1 1 2	1 5	!	7	1		
	Grand		-	*	1	-	<b>!</b>		1	-		3	
	Tron	30	1		1 1	-		400 mm 340	1	-	-	-	
	Juab	4	1 1	9 8 8	1	•	1	1 1		9	;	. 37	
	kane	1 1	2 2 2	1	1	- 1   1	! !	1	9	=	1	15	
	fillard	45	7	-	1	-	# 1 1	† 	1 1	1	1	1	
	Morgan	2	!		1 1	-	1	fm		34	1	82	
	Flute	1	1	1	1 1	1	3			-	1	9	
_	Rich	-	1 1	1 1	1	1	!	1 1		!		-	
10	Salt Lake	7	7	1	1 1		!	1 1	1	7	!	2	
01	San Juan	12		1 2 2		<b>-</b> 4 -		***************************************	2	26	1	43	
	San Pete	1	-		1	<b>-</b> -		1 1		33	9	52	
	Sevier	21	2	1	3 3		1	1 1		7		6	
	Summit	22	: :	!	:	<b>→</b>	1	1 1 1	1	3	-	30	
	Tooele	m	1	!	1		1	} ! !		-	1	23	
	Uintah	7	4 .	!	\$ 1 3	-	9 99	1	1	7	1	10	
	Utah	1 1	45	!	1	٠, ١	!	1	-	0	1	12	
	wasatch	20	1 1	1	9 2	7	i !	!	7	27	1	78	
	washington	4	1	1			1	} }		-	!!!	51	
	wayne	7	-	1 1		1	!	i 1	1	2	-	9	
		æ	4	1	80 00 00	1 1		‡ 1	†	1	1 1	7	
	Unallocated 2/	6	4	1	1		-	1	7	7	1	23	
	State total	360	92	1	1 1	7 [	1 1	1	1	2	1	16	
	•					7	!		35	398	9	908	
>	Vermont												
	Add 1 son	-	9	1	1	•							
	Bennington	1 1	-	!	a. a.	<b>→</b>	1	1 1		1	1	00	
	caledonia	1	1 1	1 1	1 1			!	-	1 1	1	_	
							1	1 1	†		1	1	
See	See footnotes at and of table	F + 2 + 1 0											
	מר בווים מר בווים	Lante.											

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Appendix Table 1.--Estimated Crop Revidues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain sorghum	Oats	Rice	: Soybeans:	Sugar- beets	: Wheat :	Other 1/	; Total
10 00					000	ons					
VermontCont.											
Chittenden	1 1	3	i	1 1	-	1	8 9 9	1	!	1	7
Essex	1		1	1 1	1	1	1	P a	1	1 1	r
Franklin	!			1	-	† ] 	1 1	1 1 1	1 1	1	-
Grande Isle	1	3	1	1	1	1 1	80 00 co	1 1	1	ł	- r
Lamoille	1	-	1 1	1 1	1	1	!	1	1 1	8	າ ⊷
Orange	!	. 2	!	!	-	1	1 1		-	!	• (
Orleans	1	1.	1	1 1	# 	1	!	1	ŧ	3 8	4
Rutland	-	3	1	1	***************************************	1	-	İ		*	. "
Washington	!	!	1	1	1	1	1	ME 15-00	1	1	ר ו
Windham	1 1	1	-	3 2		9 8	1 1	1	1 1	1	
Windsor	1		***	1 8	1	1	! :	1	1	1	! <del>-</del>
Unallocated 2/.:	1	\$ 8 8	1 1	ţ 	1	1	# 6 8	1	por	1	<b>→</b> -
State total :	-	21	1 1		2	1 1	# #	1		9 9	75
Vi roj ni a:											3
Accomack	1	42	-	1	1	1	33		1	1	7.3
Albemarle	genange and	11			1	8	; -	West owner-land	1	-	13
Alleghany	1	2	-		1	1			-	1	77
Amelia		19		1	.	1	8	-		-	27
Amberst	-	₹	•	***		1	-	1 1 2	1		4
Appomattox	1	12		1	1.	1	1	-	1	*******	12
Arlington	1	1	1 1	1	!	-	1	direction man	-	-	1 1
Augusta		40		1	**************************************		Man out of the		1 1	1	40
Bath		_	Andrews one	1	-	t	1	1	nace cope man	1	? -
Bedford	<b>Qualitative</b> exten	17	the statement	Bull will stop	-		esservante della	1	-		17
Bland		4	1	1		1	1	1	1	1	4
Botetourt		9	1	1		3 2 2	100	1	tonium mar	1	ی ۳
Brunswick		21			1	1	80	1	1	1	20
Buchanan	1	7		1	1	1	1	1 1		1 1	<u> </u>

••				Estima	ted Plant	Residue	Estimated Plant Residue From Harvacted	o to d			
State and County :	••						TTOM HOTA	Bred			
	Barley :	Corn	Cotton	Grain sorghum	; Oats	: : Rice :	: Soybeans:	Sugar- beets	; ; Wheat	other	Total
•									•	7	
Wrginia—Cont.:		1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	000 Tons-	Tons		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
Buckingham	,	1.4									
Campbell		1 T			† 5	1	1	1	1		1.4
Caroline		25	1		1		2	İ	-	8	17
		35 Č	1	1		!	10	1	į		
Charlet	-	m	1.	1	******	1		į		25 de a	45 آ
Charles City:	1	31	-		1	-	α			1	<b>.</b>
Unarlotte		19	1	1	***	1	<b>5</b> (		1		39
Chesterfield:		9		1	1	1	7 (	1	-	-	21
Clarke	1	20	-	The state of	\$ 1		7	-	1	!	6
Craig	-	~	-	1	1	1		-	1	1	20
Culpepper	!	57	1	1		1	-	1			~
Cumberland	1	5 -	1				1	1	1	-	57
Dickerson	1	} ~			}		**	-	-		: =
Di nwi ddi e		7 (		1		1	1	1	1	1	ĵ -
Escex		0 4		alle othe elle	ŧ	!	10	-	1	7	47
Fairfax	egger date cand	Σ	1		***	1	91	1	11.4	,	<b>,</b> V
· · · · · · · · · · · · · · · · · · ·	‡ ‡	٥	1	-	many mater many	1	-	1	1		70
randmer		43	1	Ì	1		_	1		dia one district	o ;
Floyd	-	ゼ	1	1	1	9	'		2 	1	44
Fluvanna	1	.v		1	1	* *	1		1		₹
Franklin	-	15	1		1		! !	\$	1	-	5
Frederick	-	21	-			1				-	15.
Giles	1	_			1	1		1	!	1	21
Gloucester:	!	32	9 0 0	-		1		1	***	1	7
Goochland:	1	æ	!	ļ	1	Ì	• •	1	-	1	39
Grayson	1	4	1			ļ	<b>-</b>	-	00 HALL		6
Greene	1	. R	-	į		1		1	7	1	4
Greensville:	-	· =	1				"	1	1		2
Hali fax	1	36	-				<b>∞</b> •	1	-	17	26
Hanover	1	3 %					<b>4</b> (	-	1	1	43
Henri∞	1	3 ~			divoid ord		12	!		-	43
Henry	1	7		!	!	* * *	4			!	17
Highland	1 1	r -	-	-	-	Direction date	-	esty continues		1	4
***		4	*	1	-	 	1	9 8	2 2	1	- م
See footnotes at end of table.	f table.			,							+
										Col	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975-Cont.

				Estimate	d Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain ; sorghum ;	Oats	Rice	Soybeans	Sugar- beets	. Wheat	other 1/	: Total
••		1		9 6 6 9 8	000	-000 Tons		1 1 1			
VirginiaCont.											
Isle of Wight:	1	102	-	1	1	!	11	t 1 i	1	36	149
James City	1 1	17	1 1	1 1 2	1 1 1	1 1 1	4	1 1	1 1	; ;	21
King and Queen:	# # #	42	1 1	1 1	1 1 1	1 1	11	00 00 00 00 00 00 00 00 00 00 00 00 00	1 1	!!	53
King George	!	23	1 1	9 9	1	1 1	្រ	1 1	1 1	1	28
King William:	1 1 1	20	1	1 1	1 1		12		1 1	1 1	62
Lancaster	\$ \$ \$	33	1 1	1	1 1	1 2 3 8	7	-	1	1	40
Tee	1	13	1 1 2		1	1 1	1 2 1	1	l l	1	13
Loudoun	1	. 68	1 1	1	1 1	1 1	\$ \$ \$	1		1	68
Louisa	1	14	\$ 6 \$	† † † † † † † † † † † † † † † † † † † †	1	I I I	ı	1 1	1 1	1 8	15
Lunenburg	1 1	13	9 0 0	1 1 1	1 1	1	4	1 1	1 1	1	17
Madison		36	1 1	!	1	1 1	1 1	1	i i	1	36
Mathews	1	9	! !	1 1	1	l j	2	1 1	1 1	1	8
Mecklenburg	1 1	33	1	!!	1	1 1	9	3 1	1	1 1	39
Middlesex	‡ 	24	1	1 1 1	† I	l l	9	1	1	1 1	30
Montgomery	1 1	2	1 1	1 1	1 1	8	\$ 8 1	1 1	9 8 8	1 1	5
Nansemond	1 1	1 1	1	1 1	1 1	1 1	\$ \$ 8	1 1	1 1	1 1	1 1
Nelson:	1 1	2	1	\$ 2 1	1 1	1 1	\$ 8 8	1	8 a	!	2
New Kent	‡ ! !	17	3 8 8	\$ \$ \$	1	1 1	Ω	4 8 8	ļ.	1 1	22
Norfolk	; ! !	1 1	i i	1 1	1 1 1	1	1	\$ }	1 1 1	1 1	1 1
Northampton	!!!	9	1 1	1 1	1	1 4	11	1 1	1	1	17
Northumberland	1	09	i i		1		15	1	1	1 1	75
Nottoway	2 2 0	7	!	11		1	4	1 1	9	1 1 1	11
Orange	!	e :	1 1	!	1 1	1 1	1 1	i	1 1	‡ ‡	33
Page	 	14	1 1	!!!	1	\$ 1 1	\$ \$ \$	1 1	1	1	14
Patrick	1	ထ	1 2	1	1	1 1	1	1	8 8	i i	8
Pittsylvania	1 1	41	; !	1 1	1	i i	10	10 00	1 1	1	51
Powhatan	\$ 1 2	9	1 1	1	1 1	!	~	1 1	1	400 -000 400	7
Prince Edward	1 1	14	1 1	4 de e	1 1		-	į ! !	1	1 1	15
Prince George	***	31	1	\$ 4 8	1,	1 1	. 1	1 1	}	7	45
Prince William	1 1	10	1 1	1 1	t 1	1	1 1	1	1 1	1	10
Princess Anne	9 1 9	1 1	!	1	1	;	!!!	1	1 f 1	1 1	
See footnotes at end of table.	of table.									•	
										Coc	Continued

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			•
State and County :	Barley	: Corn	: Cotton :	Grain sorghum	Oats	Rice	: :Soybeans:	Sugar- beets	: Wheat :	Other:	Total
**				od od do oo ou on do oo ou ou ou o	000	-0.00 Tons					
VirginiaCont						- Branch - B					
Pulaski		5	1		† † ;	1	1 5 2	1 1	\$ \$ \$	1 1 1	2
_⊆	1 1	6	1	!	3 8 3	1	1 1	1 1	-	8 8	6
Richmond	1 1	47	8 8	1 1	i	1 1	12	1 1	ł 1 1	1	• 59
Roanoke	1 1	2	1	1 1	1	1	1 1	1	1 3 8	1	2
Rockbridge	1 1	0	1 1 .	9 9	1	1	1	1	1 1	1 1	6
Rockingham:	!	41	1 1	1 1	1	1	1	1	1 1	1 1	41
Russell	1	10	1 1	1 1	3 2 3	1	3 8	1 1	1	1 1	10
Scott:	1	7	* * * * * * * * * * * * * * * * * * *	90 00 00	2 1 1	1	1 1	1	1	1	7
	1	26	† : !	1 1	!	3 8	}	1	1	1	26
Smyth	1 5 8	10	! ! !	1 1	1 1	1	1 1	1	1	1	10
Southampton	1	129	1 1	1 1	-	1	16	1		99	211
Spotsylvania:	1 1	10	!	1 1	1	\$ 1 8	<b>~</b>	1	1	1	11
Stafford	1	6	t 4 1	1 1	F	1 1	7	E 2 9	1 1	1 1	10
Surrey	1	64	‡ ! !	1	3 8	1 1	6	1	1	18	91
Sussex	i i	64	1	1 1	1	1	11	1	1	29	104
Tazewell:	1	7	1	!	1	1 1	\$ \$ \$	1 1	8 4 2	1 1	7
Warren	# # #	9	1 1 0	1 1	1	† i 1	!	1	1 1	t :	9
Washington	1 1	25	1	1 1	1	!	1 1 1	1	\$ 8 3	1 1	25
Westmoreland:	1 1	99	1	1 1	1 1	1 1	14		!	1	80
Wise	1	-	1	:	1	1 1 1	1 1	1 1	1	1	-
Wythe	:	12	1 1	1	1	1 1	1 1	1	‡ 1 2	1	12
York	1 1	3	1	1 1	1 1	1 1	1 1 3	1 1	1 1	1	m
Chesapeake City 3/	† • •	20	!	1	1 1	1	21	1 1	1 1	1	71
Norton City 3/:	!	1 1 1	1 1		1 1	1	2	1	\$ B E	1 1	5
Suffolk CIty 3/	3 3 8	84	1	-	1 1	:	17	1 1	1 1	31	132
Virginia Beach 3/:	1	48	1 1	1 1	1 1	1 1	20	1	1 5 6	1 1	89
Unallocated 2/		!	1 1	1 1 1	1 1	1 1	1 !	!	‡ ‡ ‡	2 2 8	† 1
State total	1 1	2218	\$ \$ 8	1 1	1	f	386	1	!	211	2815
Washington:											
Adams	6	16	1	1 1	7	1	1 1	46	206	7	987
Asotin	15	1 1	1 1		1	1	8 8	8 8	77	1 1	92
See footnotes at end of table.	of table.									ప	Continued
	٠										

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estima	ted Plan	r Residue	Estimated Plant Residue From Harvested	red			
State and County :	Barley :	Corn	: Cotton :	Grain	. Oats	Rice	Soybeans:	Sugar- beets	. Wheat :	Other 1/	Total
64 94	2 2 3 3 2 2				000						
WashingtonCont. :						2010	1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
Benton	* * * * * * * * * * * * * * * * * * * *	10	1	1 1	9 1 8	ŧ 8 8	1 1	23	337	71	372
Chelan	!	1	1 1	1	! !	1	1 1	1 1	4	1 1	
Clallam	2	1	1	1	8 8	1	1 1	-	7	8 8	ന
Clark	9	-	1 1	1	9	1 1	3 8	1 1	6	1 1	21
Columbia	12	1	1	† † † 1	1 1	-	1 1	1 1	323	1 1	335
Cowlitz	1 1	1	8	!	1	1 1	1 1	ŧ ŧ	1 1	1 1	1
Douglas	10	-	9 6	!	7	!	1		409	7	421
Ferry	7	1 1	\$ \$ 1	1	-	1	1 1	1 1	4	7	8
Franklin	2	40	1	1	1 1 1	1 1 2	1	52	395	15	504
Garfield	46	1	3 4	1	1	!	1	i i	277	2	328
Grant	17	52	98 gg vo	1	7	1	8 9	104	742	40	959
Grays Harbor:	1	1	† †	!	1	1	!	1	7	7	2
Island	7	1		1	1	1	* *	1 1	9	1	4
Jefferson		1	8 8	!	1	1	1 1	1 1	1 1		1
King	-	1 1	1	1	1	1	8 8	1 1	1 1 1	1 1	1
Kitsap	i	1	1	!	1	1	8 8	1 1	1	!	1
Kittitas	11	1 1 1	1 1 1		m	\$ \$	‡ ‡	2	26	- † - ‡	42
Klickitat	17	1 1	‡ ‡ ‡	1	-	1	t 1	1	111	i i	129
Lewis	en	1	1	1	<b>₹</b>	1 1	1	1	9	1	13
Lincoln	201	1	1 1	1 1	ည	1	\$ 1 2	# !-	1070	2.	1281
Mason	1 (	1 1	1	1 1	1 1	1 1 1	1 1		1	1	1 1
Ukanogan	7	1	1 1	! !	1	1 1	1 !	1 1	21	٣	26
Dand Orailla	1	1 1	1	1 1	1	l 1		1	7	1 1	1
Dioro	7				t 1	1 2 5	I I I	1	1	1	m
· · · · · · · · · · · · · · · · · · ·		!	1	1 1	î Î	1 1	1 1	\$ 1	7	1 1	2
ממון טומון	4 F	1	***	1 1	1	1 1	ŧ ŧ	ŧ ;	1	1 1	m
Shayte		00 00 00	8 os	1 1	<b>→</b>	1 1	!	1	27	1	36
Shamailta	?		J 1	!	1	1 1	1	1	1 1	1	1 1
SHOCLOMISH	1 (	\$ 6 8	1 1	1 1			1 1	99 mm du	т	-	3
•	14/	1 1	1		10	1	1 1	1 !	440	o	909
0	32	t .	1 1		8	1	04 08 03	1 1	36	7	17
See footnotes at end of	f table	! ! !	1	1 1	!	1		1 1	2 2	1 1	1
										Con	Continued

••				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted				1
State and County :	: Barley :	Corn	: Cotton :	Grain :	Oats	Rice	Soybeans:	Sugar- beets	: Wheat :	Other 1/	. Total	1
se ·												1
	1 1 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tons-	SuoJ			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 1	
WashingtonCont. :												
Waltkikum	!!	1 1	1 1	!	1	1 1	1	1	1	•	1 1	
Walla Walla	43	-	1	1 1	1	1 1	8	15	845	-	904	
Whatoom	1	!	1	1	7	1	1 2 1	1	2	7	9	
Whitman	336	1 1	1 1	1 1	9	1	1	1	1730	7	2079	
Yakima	15	26	1	8 8	1 8	1	1	58	245	7	346	
Unallocated 2/:	1 1	7	1 1	1 1	2	1 1	1	1	1 1	18	26	
	941	149	8 8	8 \$ 1	99	1	1	300	8055	121	9623	
4												
west virginia:								,			,	
Barbour	\$ 6 4	7	; !	1 1	i i i	1	1 2 2	1 1	1		-	
Berkeley	9	30	1 1	1 1	7	1	1 1	;	m	1 1	41	
Boone	1	~	1 1 1	1	1 1	1	1 1	1	1	9 9	7	
Braxton	1	1	1	1	1	\$ \$ 1	1 1	1	1 1	1 1	7	
Brooke	1	-4	1 1	1	† †	1 1	1	1 1 1	1 1	t 1	7	
Cabell	-	2	1	1	 	1	!	t T	1 1	\$ 5 8	ሱ	
Calhoun	!	-	1	1 1	f 1 1	1 1	1	1 1 1	1	1	7	
Clay	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t t i	!	1 1	1	1 8	1	was day get	3 8	9 00	
Doddridge	1	1	1 1	1 1	1 2 5	1 1	5 8	t i	40 00 00	1	# III III III III III III III III III I	
Fayette	1 1 1	1 1	1 1 1	î î	1	1	1 1	1 1	60 min 60	1 1	1 1	
Gilmer	1 1	7	!	1 1	1	1	1	1 1	\$ \$ \$	1 1	<b>.</b>	
Grant	-1	4	1 1	† †	0 0 0 0 0	1 1	1	1 1	7	1	9	
Greenbrier	1	10	1	1 1	-	1 1	1 1	1	-	\$ \$	13	
Hampshire	-1	13	1 1	1 1	7	1	3 8	1 1	٣	1 1	18	
Hancock	1 1	~	1 .	1 1	1	1 1	1	1 1	1 1	1 1	<b>;</b>	
Hardy	٦.	\$ \$	1 1	1	1 1	8 5 3	!	:	2	1 1	e	
Harrison	† } \$	~	1 1	1	1 1	1 1	1	1	† † †	1 1	-	
Jackson	1 1 1	4	1 1	!	!	1	1 2 2	1 1	1	1	4	
Jefferson	9	1 1	1 1	† † †	m	1 1	1 1 1	1	7	~	17	
Kanawha	1 1	1	† †	!	1 1	1 t	1	1 1	1 1 1	1 1	1 1	
Lewis	; ! !	-	1 1	!	1 1	1 1	1	1 1	!	1	7	
Lincoln	†	7	1	1 1	1 1 1	1 1	\$ 1 2	1 1	1	1 1	7	
Logan	1	1 1	\$ 8 8	1 1	9, 00	1	1 1	3 8	1 1	1 1	1 1	
see loothotes at end of table.	r table.									ŭ	Continued	1



Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

**				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley :	Corn	: Cotton :	Grain :	Oats	Rice	Soybeans:	Sugar- beets	. Wheat :	Other:	Total
									***	7	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	; 1 1 1 1 1	1 1 1 1 1 1		000	000 Tons					!
West VaCont.:				-							
McDowell	1	1	!	1	1	1 1	1	1	1 !	1	9 8
Marion	1 1	7	1 1	1 1	1 1	1	1 1	1	. #	1 t	-
Marshall	;	9	1	1 1	ŀ	1	\$ \$ \$	1	1	1	4 14
Mason	1 1	56	1 1	8 8	1	# P 48 00 00 00 00 00 00 00 00 00 00 00 00 00	-	:	-	B B L	28
Mercer	1 1	2.	1	1	9	1	3 2	1	1 1	1	,
Mineral	-	-	1	1 1	7	1 1 2	1 1	1 1	1	1	1 W
Mingo	* *	1	1 1	1	8	-	1 1	1		9 8	1 1 1
Monogalia	1	-	!!!	! !	1	1	3 1	1 1	1 1	1 1	-
Monroe		-	}	!	-	1	1	1 1	2	1 1	ı m
Morgan	1	1	-	1	3 1 8	1 1	. !	ŧ	m	1	, ~
Nichols	GIR 400 GID	7	!	1 1	1	•	1 1	1 1	1 1	ŧ	) [
Ohio	1 1	~	1	1 1	-	1 1	1 1	1	9 8	1	10
Pendleton	*	1	1	! !	1	i 1	1	1	2	1	a m
Pleasants	\$ 2	7	1 1	1	‡ 	1	1	1 1	en en	1	2 (
Pocahontas	1 1	8	1 1	8 8	-	8 8	1	1 1	1 1 3	1	- ،
Preston	-	89	‡ ! !		<b>(7)</b>	} }	1	and one one	7	\$ 1	. 12
Putnam	!	m	1 1	1 1	1	1 1	1	l I	1 1	1	3
Raleigh		1 1	1 1 t	1	1	1	1 1	1	1	 	1 1
Randolph	1	1 1	1 1	1 1	8 1		1	1 1	1 1	1	1 1
Ritchie	1 1	7	1 4	0 0 0 0	2 i	1		1	1 1	9 8 8	٦
Roane	? ! !	i	9 48	1 1	1 2	1	1 1	i 1 1	1	1	-
Summers	:	1	1 5 1	1 1 1	1	1 1	1 1	1	8 3	!	1 1
Taylor	1	<b>~</b>	1 1	1	1	1	1 1	1	1 1	day was not	1
Tucker	1	1 1	1 2	***	1 1 2	1 1 1	1 1	† ] 	1 1 1	1	1
Tyler	1 1 2	m	1 1 1	1	1	†	!	} 1 #	\$ 1 1	†	m
Independent	1	1 2	1 1	# 4	1 1	1	† † †	ŧ t	1 1	2 1	1 1
wayne	1 6 2	7	1	1 1 2	1 1	1 1	f î	1	1 1	\$ 	A
Webster	1 1 1	1	1 1	1 1	† 	I I	;	1 1	1	1 1	P :
Wetzel	! !	ד	1 1	i ! !	# 1	† 	1	1 1	1 1	1 1	
											+
•											

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975 -- Cont.

					Estimat	ed Plan	r Residue	Estimated Plant Residue From Harvested	sted			
	State and County :	Barley :	Corn	: Cotton :	Grain :	Oats	Rice	: Soybeans:	Sugar- beets	. Wheat :	0ther;	Total
	aa ** \$				1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000	-000 Tons	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	West VaCont.:											
	Wirt	1	~		!	1	90 000	1	1 8 8	1	1 1	
	Wood	1 1	l kr	1	1		1			-	:	• 4
		1	, ;	1 1	!   ! 	! ! ! !	1 1	! !	l 1	→ ; ;	1 1 3 1 1 i	0
	Unallocated 2/	m	108	1	1	4	1	1	1 1	2	!	120
	State total	20	252	1	1	19	1 1	7	1	30	~	325
	Wisconsin:											
	Adams	1	37	1	!	3	1	1	1 1	-	-	43
-	Ashland	1	1	1	1	m	1 1	!	1	1 1	1	m
1	Barrow	4	97	1 1	3 1 1	39	1 1	7	1	1	1 1	142
09	Bayfield	7	1	\$ 4 9	1 1 5	4	25 000 00	1	1 1	1	1	2
	Brown	2	59	l l	ŧ	52	\$ \$ \$		1 1	. 5	i	115
	Buffalo	7	119	-	1 1	20	1	2	1 1 1	-	1 1	143
	Burnett	1 1	15	# # #	1 1	1 1	op og ne	1	1	1 1	1 1	16
	Calumet	7	58	1 1	1	29	8 8	1	8 8 8	4	‡ 1	93
	Chippewa	. 5	114	80 au 90	1 2	44	00 min man	2	1 1	1	ł 1 1	163
	Clark	2	99.		1 1	73	1	1	400 mm mp	1 1	1 1	141
	Columbia	1	391	1 1	1 1	27	1 1	E	1	9	1 1	428
	Crawford	1 1 1	94	!	1 1	22	1	7	1	B	1	1117
	Dane	7	849	t i j	† 	45	1	9	1 1	89	1 1	606
	Dodge	2	456	\$ \$ \$	1 1	61.	1 1	1	1 1	8	1 1	528
	Door	ä	15	1 1	# \$ 1	34	!	1	1	7	} 	52
	Douglas	1	1	1 1:	!!!	-	1 1	-	1 1	1 1 2	1	4
	Dunn	e	192	1 1	1 1	38	1 1 1	9	1 1	1	1	240
	Eau Claire	,	80	1 1	1 1	25	!	-	1 1	1 1	1 1	107
	Florence		1 1	1	1 1	1	1 1	-	8 8	1 8	1	
	Ford Du Lac	1	225	-	1	63	1 1	7	1 1	S	!	295
	Forest	1 1	1 1	1 1	1 1	2	1	1 1	1 1	1 1	1 1	2
	Grant	3 2 2	534	† 1 1	8 8 8	59	1	2	1 2 2	1 1	1 1	565
	•											
	See footnotes at end of table.	of table.									S	Continued
		•									}	nanutau

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

State and County :	Barley	Corn	Cotton	Estimat Grain	ed Plant	Residue	Estimated Plant Residue From Harvested	sted	1 1	1 1	•
			1	sorghum	Oats	Rice	Soybeans:	Sugar- beets	: Wheat :	Other 1/	Total
	1 1 1				000	-000 Tons					.
WisconsinCont.: :											
Green	-	298	1.	1	32	1	3	1		8	336
Green Lake	!	115.	1	\$ 1 1	16	1	\$ 8	1		1	132
Iowa	1 1	255	1 1	1	53	1 1	2	1	1 1	1	286
Iron	1 1	1	1	1 1	-	1	1	† †	† †	1 1	} -
Jackson	\$ 8	75 .	1 1	1	23	1	~	1 1	1	1 1	66
Jefferson:	1	334	1	1 4	21	1 1	8	1 1	9	1 1	. 369
Juneau	3 8	81	!	-	14	1 1	2	1	1	-4	98
Kenosha	<b>-</b> 4 ·	122	1	1 1	83	1	14	3 5	10	!	155
Kewaunee	m	30	‡ ‡ \$	i ! !	20	1	1	1 1	2	1	10 d
Lacross	1 1	91	1	1 1	12	1		1 1	1 1	!	100
Lafayette	1	429	1	1	33	1 1 1	4	1 2 3	1	1 1	467
Tingola	-	7 0	1	1	18	1	**	1	7	7	22
Manitonal	<b>⊣</b> (	7 0	1			date while daily	1 1		!	1 1	16
Marathon	n r	0 0	# # # # # # # # # # # # # # # # # # #	l 1 1	70	age one one	-	1	2	1 1	166
Marinette	·4 ~	39	1 1	1 1	68	1 1 1	1	1 1	7	7	131
Margnette	7	15	\$ 1 1	! ! !	13	1	ŧ ;	†	!	1 1	45
Menominee	1 1	D		app one of	٥	1 1	1	ł 1	1	7	55
Milwaukee	1 1	, (C	8 1 1		]  -	9 9	1 (	1 1 E	!	1 1	8 8
Monroe	8	128	8 6 6 8	1 1	79		n -	1 1	m	1 1	12
Oconto	7	69	1	1 1	24	1 1	†	! ! ! !		1 5 1 8	. 158
Oneida	1	1 1	\$ \$ 6	:	4	1	1	1 1	<b>-</b>	1 1	95
Outagamie:	7	176	t 1	1 1	48	1 1	~	1	<	7	S
Ozaukee	7	51	\$ \$ \$	i i	17	*	۱	1	<b>5</b> U	1	231
Pepin	1	50	!	1 1	13	1	4	1	, ,	\$ \$ 1	97.
Pierce	٣	164	!!!	1 1	41	1	m	8 8	+ ~	1	69
Polk	9	110	i	r=4	28	1 1	7	1 1	٦ -	\$ 3 3	214
Portage	1 1	62	1	1 !	15	1	1 1 1	1 1	+ 0	<	148
Price	1	<b>~</b>	1 1 1	1 1	7	3 1 1	1 1	1	1 i	<b>3</b> '	83 0
•• ,										§ §	ಐ

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

				Estimat	ed Plant	Residue	Estimated Plant Residue From Harvested	sted			
State and County :	Barley:	Corn	: Cotton :	Grain ; sorghum ;	Oats	: Rice	: Soybeans:	Sugar- beets	. Wheat	other 1/	: Total
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		000 Tons-	Tons	all all all all all all all all all all			8 8	
WisconsinCont.:	••										
Racine	m ·	128	1	1 1	. 01	1 1	23	ì	16	† 1	180
Richland		104	1 2 1	\$ 1 1	13	\$ \$ \$	<b>-</b>	1	t t	1 1	118
Rock		718	1 1 .	7	19	1	30	1	6	-	977
Rusk	:	89	† # #	1 1	12	\$ \$ \$	1 1	1 1	1	1	20
St. Croix	4	151	! ! !	1 1	47	l i	4	1 1	1 1	\$ \$ 6	206
Sauk	1 1	275	1 1	!	31	1	2	1 1	1	î î	309
Sawyer	!	5	1	1	m	1 1	1 9 8	1 1	1 1	1 1	5
Shawano	-	95	!	1 1	44	1 1	!	!	7	!	138
Sheboygan		103	1 1	1 1	48	1 1	1 1	1	æ	1 1	191
Taylor		2	8 8	9 9	30	1	1 1	1 1	1 1 1	!	36
Trempealeau	2	132	1 1	1	27	!	m	1 1	1	1 1	165
Vernon	1	127	) 1 1	1 1	30	1	7	1	1 1 2	1 1	158
Vilas		1	1 1	1 1	1 1	1 1	1 1	\$ 3 3	3	1	1 1 1
Walworth	-	382	1 1	)   	15	1 2	19	1	7	1 1	424.
Washburn		7	1 1	8 8	4	1 1	1 1	90 00 00	1 1	1 1	11
Washington		133	1 1	# # #	32	1	1 1	1 1	7	1 1	172
Waukesha	1	132	1	1 1	13	1 1	4	1	9	# # #	154
Waupaca		91	1 1	1	25	1 1	1 1	!	1 1 1	7	117
Waushara	*	74	1	1 1	9	1	7	1 1	1	7	84
Winnebago		96	8 8	1	27	1 1	2	1	7	7	137
Mood		35	1	1 1	26	1 1	1	1	-	† !	.62
Unallocated 2/	• •	1 1	1	~	1	1 1	2	3 8 8	9	9	16
State total	. 67	9054	1 ,	m	1782	!	174	1	157	21	11257
Wyoming:											
Albany	-	!	1 1 1	1 1	1	1 1		8 8	1	!	ì
Big Horn	52	2	† ; ;	1	7	8	1	30	m	10	104
Campbell	: 2	1	1 1	1	. 7	1 1	1	1 1	35	ŀ	39
Carbon	1	i 1 1	1 1	9 8 8	-	1	!	1	3	1	4
See footnotes at end of table.	of table.									٥	Cont.ipued
										)	TOTAL TARREST

Appendix Table 1.--Estimated Crop Residues By States and Counties, 1975--Cont.

(				Estima	ited Plan	r Residue	Estimated Plant Residue From Harvested	sted				
State and County :	Barley:	: Corn	: Cotton	Grain	: Oats	Rice	Soybeans	Sugar-	: Wheat	Other	: Total	1
••					•			- 1		/=		1
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			000	-000 Tons			1		.	
WyomingCont.:												
Converse	3		1 1	40 000 70	-	1	-	.	4	1	6	
Crook	4	1	1	1 	<b>M</b>	:	1 1	å å į	22	1	29	
Fremont	56	. 2	1 1	1 1	9	1 1	1 1	1 1	2	٣	69	
Goshen	7	49	!	8	2	1 1	1 1 1	39	72	21	. 190	
Hot Springs	80	1	1	1	-	1 1	!!!	1	!	1 1	6	
Johnson	2	1		600 and 400	2	1 1	1	1	m	1	7	
Laramie	17		1 1	1 1 1	1	1 1	1	7	142	9	169	
Lincoln	56	1	1		7	1	:	1	m	1	31	
Natrona	-	7	1	1 1	٣	9	!	1	1	1	9	
Niobrara	2	1	!	\$ S	1	9 9 9	ì	1 1	8	-	12	
Park	101	en ,	8 8 8	1 1	2	i 3 1	1 1 1	38	2	7	153	
Platte	2	7	1 1	1	7	1 1	1 1	9	53	4	9/	
Sheridan	6	‡ 1 2	1 1	1 1	m	1	1	1	8	٣	23	
Sublette	1 1	1 1	!!!	!	1 .	10 at a	1 1	1	1 1	i	1	
Sweetwater	~	1 1	1 1	1	Н	10 10 11	8 8	1	8 8	1 1	2	
Teton	2 -	1 1	1	1 1	1 1	1 5 2	1 1	1 1	1	1	m	
Uinta	1 1	1	1	1	1 1	1 1	1 1 1	1	1	1	1	
Washakie	40	7	1 1	1		1	# # # # # # # # # # # # # # # # # # #	33	-	-	92	
Weston	1		1 1	1	Т	1	and one offi	1 1	9	1 1	8	
Unallocated 2/:	1	1	1 1	1	8	1 1	 		σ	1	18	
State total:	339	99	1 .	1 1 1	48	1	2 4 6	148	378	58	1037	
rotal U.S.	:	265,726	5,954	21,252	15,669	9,598	54,085	4,149	4,149 117,941 10.260 521.454	0.260 5	21.454	
				the state of the s	The second secon	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN	the state of the same of the s	Control of the last of the las	я	manufacture designations of the last	Manual Annual An	

Other crops include flax, peanuts, rye, sugarcane, dry beans, and grass seeds Included in State but unallocated to Counties. नानाना

Independent Virginia cities with incorporated farmland producing residue; those independent cities without residue were excluded.

Appendix, Table 2.--Consumption of concentrate (seds by livestock and poultry for 1965-78, year beginning October 1 (1,000 metric tons)

100   100	Concentrates fed	Beef	Beef Cattle	a Dafry		Hens, pullets, 1				: Horses, mules	
Concentrate   1   1.507   6.622   21,634   429   12,740   5.287   1,793   10,147   2,419   1.000   1,100   1,710   1,201   1,401   1,402   1,710   1,710   1,720   1,720   1,406   1,720   1	and feeding year	feed	s Other	(milk & other   dairy)	s Sheep	s and s replacements	Broilers	Turkeye	Hog*	s other	Total
	1965-66							606	242	7 Y	105.528
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Feed grain 1/	1 21,507	6,622	21,634	429	12,740	2,287	1,733	7 201	2.437	36,184
Concentrates 2   15,594   19,610   344   11,746   4,502   1,694   79,437   4,956   1,000   1,535   1,000   2,527   1,694   1,009   1,660   2,527   1,694   1,009   1,660   2,527   1,691   1,009   1,600   2,527   1,401   1,009   1,512   1,001   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,512   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,100   1,512   1,001   1,512   1,001   1,512   1,001   1,512   1,001   1,512   1,001   1,512   1,001   1,512   1,001   1	Total	1 3,346	10,690	6,972 . 28,606	866	19,402	965,6	3,503	37,548	2,606	141,712
	19-99	di an	1		;		603	1 604	29 417	4.956	
	reed grain 1/			010,01	344	6 511	1,284	1,809	7,860	2,527	36,567
	Total	1 23,433	9,376	25,265	770	18,279	7,786	3,503	37,297	7,483	133,192
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	89-29				,				107	062 7	104 617
Concentrate   1, 1515   1,993   26,390   713   19,189   6,250   1,554   1,555   1,56	Feed grain 1/	1 23,428	5,900	19,601	329	12, 446	0/6,4	1,532	108,16	2,483	37.17
	Total	4,355	1,983	6,580	737	19,189	6,250	3,085	39,269	7,213	141,790
12,406   5,216   1,541   30,705   5,175   10,000   10,324   25,866   771   12,408   5,216   1,555   1,565   7,949   3,000   1,511   10,324   25,866   771   19,208   8,771   3,106   38,654   8,175   1,512	69-69										
concentrates 2/ 1 5,417 4,175 6,502 427 6,800 3,555 1,565 7,949 3,000 1 1 1 1,000 1 1,	Feed grain 1/	1 28.701	6,149	19,364	344	12,408	5,216	1,541	30,705	5,175	109,601
19,756   19,759   358   12,503   5,662   1,654   32,510   4,589   1,556   4,007   1,756   6,779   2,128   1,556   1,654   32,510   4,589   1,424   6,906   451   7,320   4,007   1,756   6,779   2,128   1,424   26,665   609   19,823   9,669   3,410   41,289   6,717   1,1424   26,665   609   19,823   9,669   3,410   41,289   6,717   1,1424   26,665   609   19,823   3,410   41,289   6,717   1,1424   24,504   4,550   6,401   454   7,294   4,254   1,828   9,453   2,174   1,1424   24,504   4,566   6,691   18,781   1,999   5,513   1,716   30,430   4,865   1,899   5,513   1,716   30,430   4,865   1,149   1,249   25,479   774   19,330   9,764   3,677   39,292   7,189   1,149   1,249   25,479   774   19,330   4,251   1,961   8,862   2,324   1,149   1,249   25,479   774   19,330   4,764   3,677   39,292   7,189   1,149   1,249   1,249   1,249   1,243   1,249   1,249   1,249   1,243   1,249   1,249   1,249   1,243   1,249	Other concentrates 2/	1 5,417	4,175	6,502	427	008*9	3,555	1,565	1,949	3,000	) 65° 65° 6
12,503   5,662   1,654   12,510   4,589   1	Total	1 34,118	10,324	25,866	111	19,208	177,8	3,106	38,654	6,175	146,99
rain 1/ 133,668 6,816 19,759 358 12,303 5,669 1,756 6,779 2,128 1.1 1.424 26,906 451 17,320 4,007 1,756 6,779 2,128 1.1 1.424 26,665 809 19,623 9,669 1,756 6,717 1.2 1.2 1.3 1.4 1.2 1.2 1.4 1.2 1.2 1.3 1.4 1.2 1.2 1.4 1.2 1.3 1.4 1.2 1.4 1.2 1.4 1.2 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	07-69					6	655.3	1 464	33 610	9	117.51
concentrates 1/1 16,729 4,608 6,729 4,608 6,717 11  grain 1/  concentrates 2/1 6,729 11,424 26,665 809 19,823 9,669 3,410 41,289 6,717 11  grain 1/  concentrates 2/1 6,644 4,650 6,401 454 7,294 4,254 1,610 32,970 4,718 11  grain 1/  gra	feed grain 1/	1 33,668	6,816	19,759	926	12,503	2,00,4	1,024	927, 96	2 128	42.68
prain 1/ 130,791 6.862 17,803 374 12,311 5,552 1,610 32,970 4,718 1	Total	1 40,397	11,424	26,665	608	19,823	699'6	3,410	41,289	6,717	160,20
rain 1/ 1 30,791 6,862 17,803 374 12,311 5,552 1,610 32,970 4,718 1	6					•					
concentrates 2/ 1 6,644 4,650 6,401 454 7,294 4,254 1,828 9,453 2,174  137,435 11,512 24,204 828 19,605 9,806 3,418 42,423 6,892 1  grain 1/ 136,730 6,681 18,781 345 11,999 5,513 1,716 30,430 4,865 1  concentrates 2/ 1 8,101 4,568 6,698 429 774 19,330 9,764 3,677 39,292 7,189 1	Feed grain 1/	1 10.791	6.862	17.603	374	12,311	5,552	1,610	32,970	4,718	112,991
grain 1/ 137,435 11,512 24,204 828 19,605 9,806 3,438 42,423 6,892 1 1 1,999 5,513 1,716 30,430 4,865 1 2,324 concentrate 2/ 1 8,101 4,568 6,698 429 774 19,330 9,764 3,677 39,292 7,189 1 1,961 8,862 2,324 1 1,961 8,862 2,324 1 1,961 8,862 2,324 1 1,961 8,862 2,324 1 1,961 8,862 1 1,969 1 1 1,249 1 1,2	Other concentrates 2/	1 6.644	4.650	6.401	454	7,294	4,254	1,628	9,453	2,174	43,15
grain 1/ 136,730 6,681 18,781 345 11,999 5,513 1,716 30,430 4,865 1 concentrates 2/ 1 8,101 4,568 6,698 429 7,331 4,251 1,961 8,862 2,324 al	Total	1 37,435	11,512	24,204	828	19,605	908'6	3,438	42,423	6,893	156,14
grain 1/ 136,730 6,681 18,781 345 11,999 5,513 1,716 30,430 4,865 1 concentrates 2/ 1 8,101 4,568 6,698 429 7,331 4,251 1,961 8,862 2,324 1 44,831 11,249 25,479 774 19,330 9,764 3,677 39,292 7,189 1	71-72							•			
1 8,101 4,568 6,698 429 7,331 4,251 1,961 8,862 2,324 1,44,831 11,249 25,479 774 19,330 9,764 3,677 39,292 7,189 1	Feed grain 1/	1 36,730	6,681	16,781	345	11,999	5,513	1,716	30,430	4,865	117,06
144,631 11,249 25,479 774 19,330 9,764 3,677 39,234 7,103	Other concentrates 3/	101'8 :	4,568	969'9	429	7,331	4,251	1,961	8,862	2,324	161 58
	Total	144,631	11,249	25,479	114	19,330	9,104	1/0'5	39,494	601',	00'101

Appendix, Table 2. -- Consumption of concentrate feeds by livestock and poultry for 1965-78, year beginning October 1 (1,000 metric tons) -- Continued

Concentrates fed	peer cattle	attie	Dalry		Hens, pullets,				Horses mules	
and feeding year	feed	Other	(milk 6 other dairy)	Sheep	and	Broilers	Turkeys	Hogs	and	Total
1972-73										
reed grain 1/	: 42,829	7,562	19,420	303	12,340	6,085	2,012	31,239	4,940	126,730
Other concentrates 2/	ווניר ו	5,188	6,516	416	6,416	3,656	1,874	7,190	2,759	41,792
Total	1 50,606	12,750	. 25,936	719	18,756	9,741	3,886	38,429	7,699	168,522
1973-74										
Feed grain 1/	: 43.143	10.018	21 246	296	12 940	000	1 066	111		
Other concentrates 2/	1 6,366	5,987	6,204	385	5.878	3.552	1,683	6 562	2 598	132,133
Total	1 49,509	16,005	27,450	189	18,618	9,782	3,639	37,673	161,7	171,348
75 7501										
19/4-13		1								
reed grain 1/	1 21,030	7,387	19,266	316	10,734	4,832	1,593	24,396	4,815	94,369
Other concentrates 2/	4,196	5,319	7,284	466	6,449	3,654	1,770	1,001	2,230.	38,357
Total	1 25,226	12,706	26,550	077	17,183	8,486	3,363	31,397	7,045	132,726
1975-76										
Feed grain 1/	1 28,257	7,568	19,331	315	11.465	5.526	1 719	29 899	4 497	100 667
Other concentrates 2/	1 5,330	5,257	7,408	440	6,953	4.146	1.915	8.477	2.216	42 143
Total	1 33,587	12,825	26,739	755	18,418	9,672	3,634	38,376	6.703	150.709
19/6-1/										
reed grain 1/	1 25,470	7,265	19,668	337	11,612	7,034	1,761	34,848	4,569	112,564
other concentrates 1/	156,6 1	4,930	7,496	458	. 7,159	4,555	1,854	6,829	2,681	. 43,993
lotal	105,15	12,195	27,164	195	18,871	11,589	3,615	43,677	7,250	156,557
1977-78	0 00									
Feed grain 1/	1 29,009	7,245	20,764	375	11,822	7.374	2.085	34.416	0.0	117 520
Other concentrates 2/	1 5,027	4,078	7,069	443	6,836	4.625	2.084	8.465	2,300	40 927
Total	1 34,036	11,323	27,833	818	18,658	11,999	4,169	42,881	6,730	158.447
	-						•			
19/8-19 Food overton 1/	1 30 00 1	1 335								
Other Concentration 2/	1 4 225	1,115	909'07	183	12,357	8,412	2,294	38,547	4,620	124,627
Total concentrates 4	4,230	3, 709	6,452	428	6,206	4,778	2,069	8,451	2,258	38,577
lotal	1 34,329	10,824	27,258	811	18.563	13.190	4.363	46 998	6 070	163 204

Source: Unpublished data developed by George Allen, Commodity Economics Division, ESCS.

1/ Corn, grain sorghum, oats and barley.
2/ Wheat and rye, stabilized animal fats; soybean, cottonsced, peanut and linseed meals, fish meal, meat meal, tankage, poultry offal, feathermeal, etc.; glutin feed and meal, brewers and distiliers dried grains; wheat, rice, oats and barley milling byproducts; bakery byproducts, homing, etc.; salt, minerals and urea.



